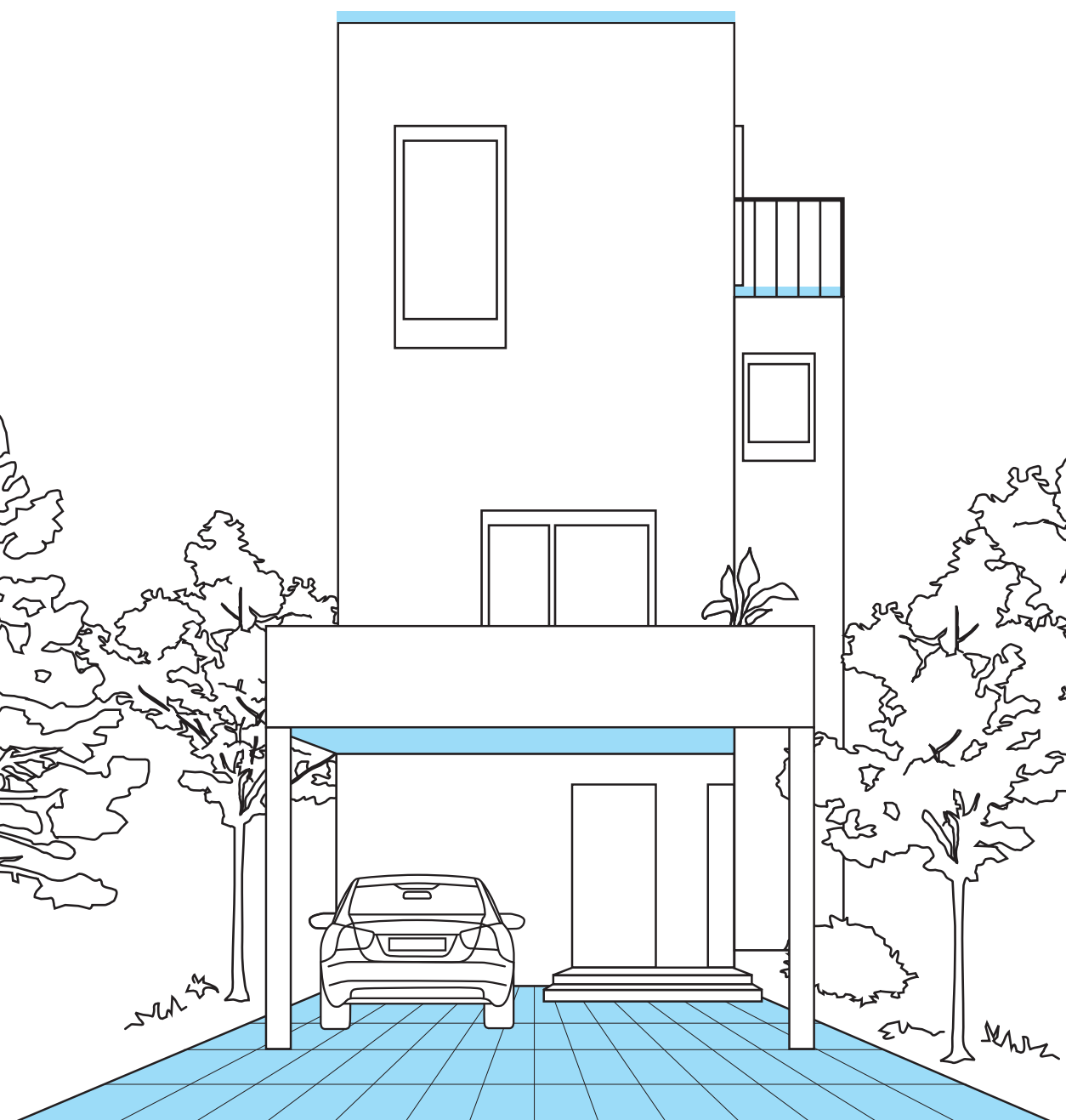


## House and Property Exteriors



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Service 138

Innovative engineering for  
innovative architecture.

Some drainage solutions offer just that little bit more.  
They increase the comfort, value and safety of your house  
and property – and Dallmer specialises in products and  
systems that do just that.

Dallmer offers highly innovative solutions that stand  
out from the crowd thanks to their multi-award-winning  
designs, flawless workmanship and advanced technology.  
Products and systems based on 100 years of experience  
and expertise.

Covering the whole gamut of drainage requirements,  
Dallmer products for exteriors range from drainage  
solutions for flat roofs and balcony drainage right through  
to floor drains for courtyards and car parks, including  
optional fire insulation systems. Take a closer look at our  
pioneering solutions for house and property.

Discover the difference.

Whether you are working on  
a new build or a renovation project:  
our innovative drainage products  
offer the perfect solution.

**DALLMER**



Everything you need  
for flawless results.

*Dallmer is your partner*







Management: Johannes Dallmer, Yvonne Dallmer, Harry Bauermeister

To achieve perfection, all the components and all the details need to be just right. This applies not only to planning and implementation, but also to the installed products and systems. Our drainage solutions for home and property ensure that you can meet the highest demands of your customers. Because Dallmer has a long tradition of innovation – from the development of our SuperDrain flat roof drainage with siphonic drainage through to our tested and certified fire insulation for steel trapezoidal-profiled roofs.

This brochure is designed to give you an overview of our products and systems for exteriors, so read on to find out more about our roof and balcony drains, yard and parking area drains, pipe sleeves and fire insulation systems. At the end of the brochure, you will also find an overview of our support services which can help you with those everyday chores.

Dallmer is a family-run company that is now in its third and fourth generation. Proximity and personal contact are an integral part of our company philosophy. We are the partner that offers the support you need – so if you don't find what you're looking for on the following pages, please do not hesitate to contact us and we will do our best to offer a customised solution tailored exactly to your requirements.

Harry Bauermeister

# The principle of the extended workbench

*The Paulaner brewery has built new premises – ably supported by drainage solutions from Dallmer*

The new premises of the traditional brewery Paulaner in Munich-Langwied were a major project. During the peak building phase in the autumn of 2014 through to 2015, there were up to 900 employees from a wide variety of sectors working daily at the building site. The system provider for rain and overflow drainage was Sikla Drain GmbH from Castrop-Rauxel who were once again relying on the expertise and products of Dallmer. We talked to Sales Director, Thomas Schwermann.

*Mr Schwermann - did you face any particular challenges when installing the flat roof drainage?*

The reliable planning, co-ordination and on-time delivery of rain and overflow drainage is our daily business. And thanks to co-operation partners, like Dallmer, we didn't feel unduly taxed. That said, it was an exciting project to work on as it involved virtually every requirement profile you're likely to come across when planning rainwater drainage. And that doesn't happen very often. For example, the "Paulaner" project required both gravity drainage and siphonic roof drainage.

*I gather you also had to develop customised solutions for the mount designs.*

That's right. Trapezoidal sheet roofs are always subject to specific provisions for attachment loads that must not be exceeded. We needed to ensure that both the material procurement and the finishing of the mount designs were cost-effective – these included cantilevers with profile rails on the existing steel construction, suspension brackets on the concrete walls, etc. It was also crucial

to ensure that everything had a verifiable certification of structural strength. And I should point out here that that is one of our absolute USPs on the market. End-to-end rain and overflow drainage solutions, including all necessary components and certifications of structural strength.

*You've used Dallmer products before. What, in your opinion, makes Dallmer stand out from the crowd?*

We have been working closely with Dallmer for many years now. The roof drains and accessories that we use here at Sikla Drain are products of this close collaboration – produced within the concept of the "extended workbench". The Paulaner project demonstrates how in recent years the requirement profile within the industrial construction sector has become increasingly demanding. And to keep abreast of these challenges, it is crucial to have the right partner.

Where roof drains and their accessories are concerned, we are confident that Dallmer is the best possible partner, as we are both striving towards solutions that are "Ready for Installation". All components are provided as assembly kits, which are easy to put together. Which is basically exactly what everyone involved on a building site is looking for – low installation costs and premium quality enable short construction time frames. And of course, last but by no means least, it's crucial to have access to a product range that covers every conceivable customer requirement.

*Mr Schwermann - thank you for talking to us.*



Brewery, photo Paulaner





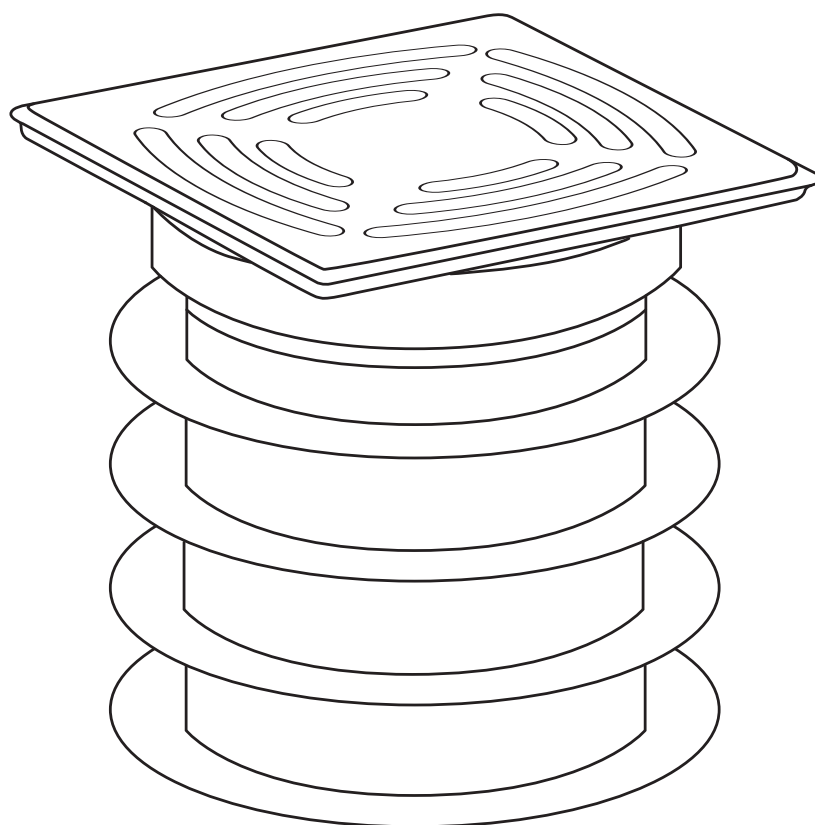
Photo Sikla



Photo Sikla



Floor drains  
for outdoor use



Yard and parking area drains 10

Rain water hopper type 600 N 18

Floor drains PRONTO 22

Klenkmatik 26





## Drainage for courtyards, car parks and other hard surfaces

- Proven for outdoor use as frost-proof installation not required
- Available as a DallBit version for the installation of waterproofing according to DIN 18195 for gravity drainage according to DIN EN 12056 and DIN 1986-100, no heat shield required in combination with mastic asphalt
- In buildings subject to increased fire load (such as underground car parks), versions with vertical DN 100 outlets together with fire insulating structural elements 4 offer certified fire insulation in classes R 30/60/90

### Technical information

Drainage rates: 4.2 l/s – 5.5 l/s \*

Can be combined with fire insulation

Frost-proof trap insert

Load class A (up to 1.5 t), with cast iron frame load class B (up to 12.5 t)

\* depending on the drain version and connection type



# Yard and parking area drains

## DALLMER yard drain type 605

outlet DN 100 horizontal

### SPECIFICATION

- frost-proof self-closing flap-valve
- removable bucket

### MATERIAL

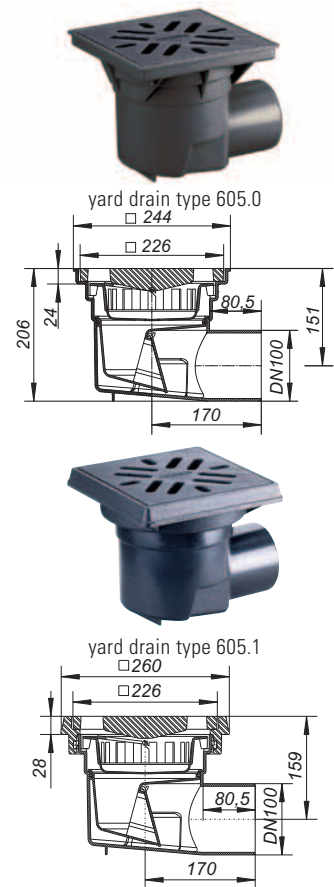
polypropylene

- **yard drain type 605.0**  
ductile iron grate, load class A (up to 1,5 t)
- **yard drain type 605.1**  
ductile iron grate and frame, secured, load class B (up to 12,5 t)

#### FLOW RATE TESTED TO DIN EN 1253 (with 20 mm water over grate)

	Required	Dallmer
DN 100	1,4 l/s	4,2 l/s

ITEM	DN	PART NO.
yard drain type 605.0	DN 100	860262
yard drain type 605.1	DN 100	860361



## DALLMER yard drain type 615

outlet DN 100 horizontal

### SPECIFICATION

- flange
- frost-proof self-closing flap-valve
- removable bucket
- height adjustable and rotatable grating

### MATERIAL

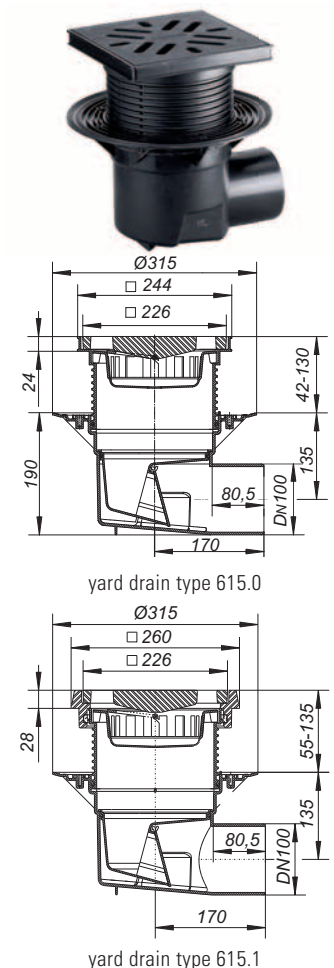
polypropylene

- **yard drain type 615.0**  
ductile iron grate, load class A (up to 1,5 t)
- **yard drain type 615.1**  
ductile iron grate and frame, secured, load class B (up to 12,5 t)

#### FLOW RATE TESTED TO DIN EN 1253 (with 20 mm water over grate)

	Required	Dallmer
DN 100	1,4 l/s	4,2 l/s

ITEM	DN	PART NO.
yard drain type 615.0	DN 100	861368
yard drain type 615.1	DN 100	861467



# Yard and parking area drains

## DALLMER yard drain type 615 DallBit

With 500 x 500 mm collar of 5.0 mm thick bituminous membrane, welded to the flange and secured with stainless steel clamp ring.  
side outlet DN 100, ductile iron grate, load class A (up to 1,5 t)

### SPECIFICATION

- flange
- frost-proof self-closing flap-valve
- removable bucket
- height adjustable and rotatable grating

### MATERIAL

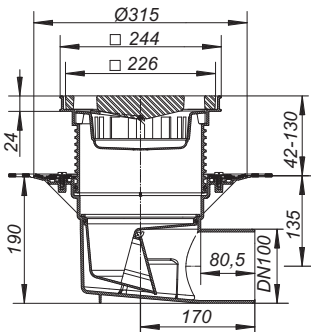
polypropylene

FLOW RATE TESTED TO DIN EN 1253 (with 20 mm water over grate)		
	Required	Dallmer
DN 100	1,4 l/s	4,2 l/s

ITEM	DN	PART NO.
yard drain type 615.0 DallBit	DN 100	862365



yard drain type 615.0 DallBit





# Yard and parking area drains

## DALLMER yard drain type 606

outlet vertical

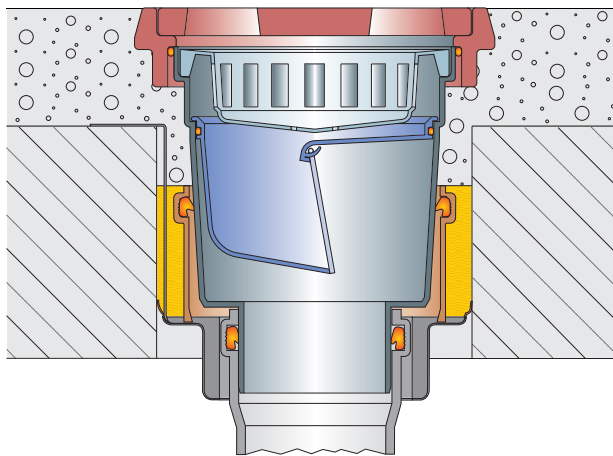
### SPECIFICATION

- frost-proof self-closing flap-valve
- removable bucket

### MATERIAL

polypropylene

- ▶ yard drain type 606.0  
ductile iron grate, load class A (up to 1,5 t)
- ▶ yard drain type 606.1  
ductile iron grate and frame, secured, load class B (up to 12,5 t)

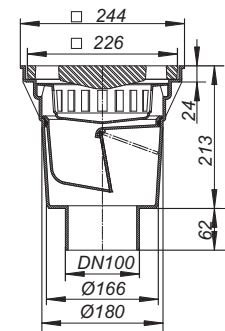


### FLOW RATE TESTED TO DIN EN 1253 (with 20 mm water over grate)

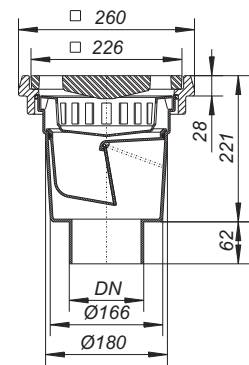
	Required	Dallmer
DN 100	1,4 l/s	4,3 l/s
DN 150	1,4 l/s	4,3 l/s

ITEM	DN	PART NO.
yard drain type 606.0	DN 100	860064
yard drain type 606.0	DN 150	860095
yard drain type 606.1	DN 100	860163
yard drain type 606.1	DN 150	860194

Fire protection system 4 (Part No. 515049) applicable.



yard drain type 606.0



yard drain type 606.1

# Yard and parking area drains

## DALLMER yard drain type 616

outlet vertical

### SPECIFICATION



- flange
- frost-proof self-closing flap-valve
- removable bucket
- height adjustable and rotatable grating

### MATERIAL

polypropylene

- **yard drain type 616.0**  
ductile iron grate, load class A (up to 1,5 t)
- **yard drain type 616.1**  
ductile iron grate and frame, secured, load class B (up to 12,5 t)

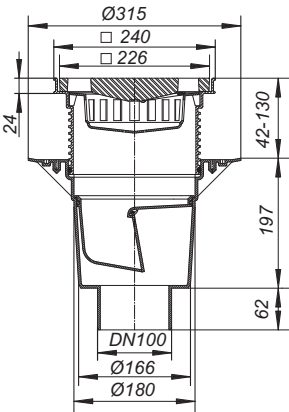
FLOW RATE TESTED TO DIN EN 1253 (with 20 mm water over grate)		
	Required	Dallmer
DN 100	1,4 l/s	5,5 l/s
DN 150	1,4 l/s	4,8 l/s

ITEM	DN	PART NO.
 yard drain type 616.0	DN 100	861061
yard drain type 616.0	DN 150	861092
 yard drain type 616.1	DN 100	861269
yard drain type 616.1	DN 150	861290

 Fire protection system 4 (Part No. 515049) applicable.



yard drain type 616.0



# Yard and parking area drains

## DALLMER yard drain type 616 DallBit

With 500 x 500 mm collar of 5.0 mm thick bituminous membrane, welded to the flange and secured with stainless steel clamp ring.  
outlet vertical

### SPECIFICATION

- flange
- frost-proof self-closing flap-valve
- removable bucket
- height adjustable and rotatable grating



### MATERIAL

polypropylene

- ▶ **yard drain type 616.0 DallBit**  
ductile iron grate, load class A (up to 1,5 t)
- ▶ **yard drain type 616.1 DallBit**  
ductile iron grate and frame, secured, load class B (up to 12,5 t)

### FLOW RATE TESTED TO DIN EN 1253 (with 20 mm water over grate)

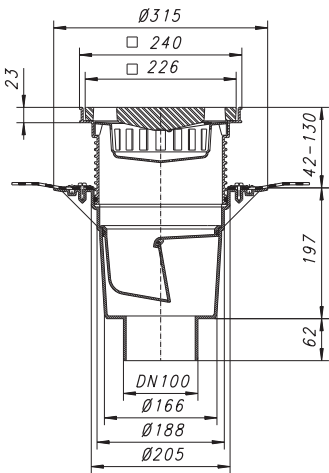
	Required	Dallmer
DN 100	1,4 l/s	5,5 l/s
DN 150	1,4 l/s	4,8 l/s

ITEM	DN	PART NO.
 yard drain type 616.0 DallBit	DN 100	862068
yard drain type 616.0 DallBit	DN 150	862099
 yard drain type 616.1 DallBit	DN 100	862266
yard drain type 616.1 DallBit	DN 150	862297

 Fire protection system 4 (Part No. 515049) applicable.



yard drain type 616.0 DallBit



## DALLMER frame type 608

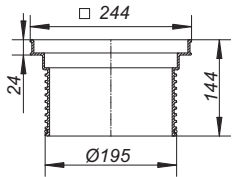
used with yard drain types 605, 606, 615 and 616

### MATERIAL

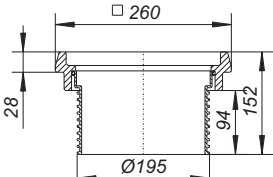
polypropylene

- ▶ **frame type 608.0**  
frame in polypropylene, load class A (up to 1,5 t)
- ▶ **frame type 608.1**  
ductile iron frame with threaded holes, load class B (up to 12,5 t)

ITEM	PART NO.
frame type 608.0	860507
frame type 608.1	860606



frame type 608.0



frame type 608.1



# Yard and parking area drains

## DALLMER raising piece type 618

used with yard drain types 605, 606, 615 and 616

### MATERIAL

polypropylene

#### ITEM

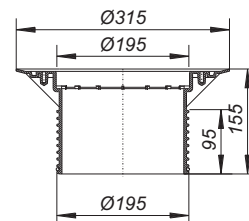
raising piece type 618

#### PART NO.

861504



raising piece type 618



## DALLMER raising piece type 618 DallBit

used with yard drain types 605, 606, 615 and 616

With 500 x 500 mm collar of 5.0 mm thick bituminous membrane, welded to the flange and secured with stainless steel clamp ring.

### MATERIAL

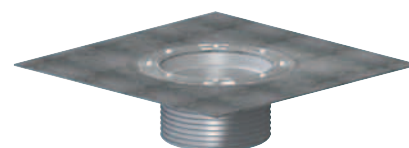
polypropylene

#### ITEM

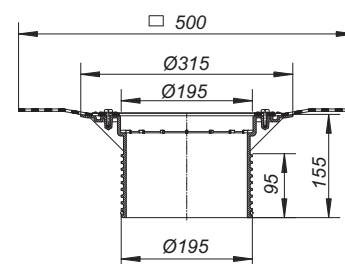
raising piece type 618 DallBit

#### PART NO.

862501



raising piece type 618 DallBit



## DALLMER perforated collar/gravel guard

for yard drain types 615 and 616

### MATERIAL

ABS

#### ITEM

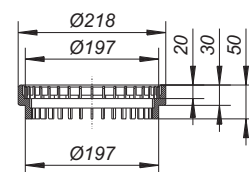
perforated collar/gravel guard

#### PART NO.

864925



perforated collar/gravel guard



## DALLMER clamp ring DG 15

stainless steel used with yard drain types 615 and 616

### SPECIFICATION

- stainless steel screws
- gasket

#### ITEM

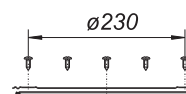
clamp ring DG 15

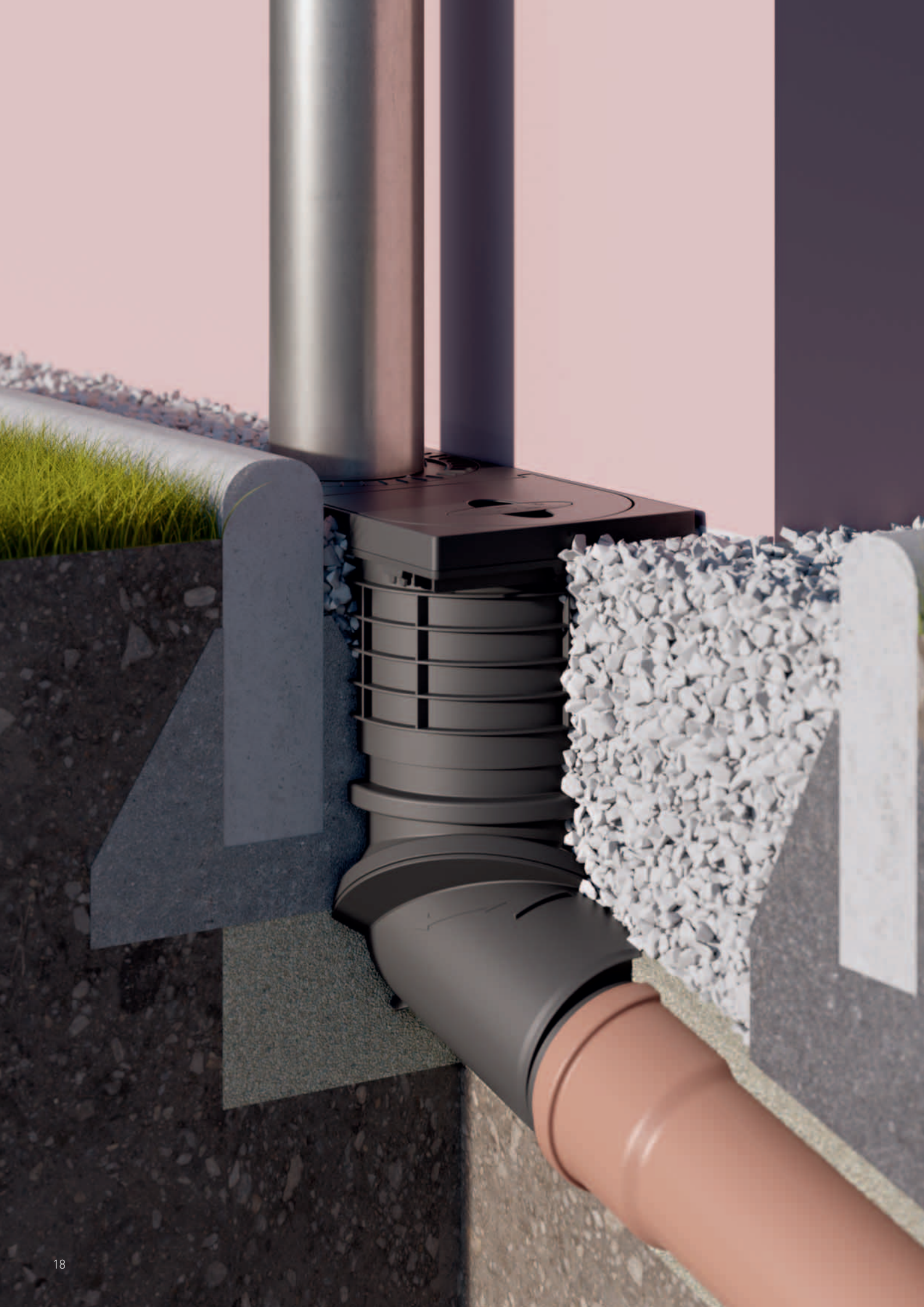
#### PART NO.

864956



clamp ring DG 15





## Rain water hopper type 600 N

- The lightweight rain water hopper type 600 N made of polypropylene was designed specially for exterior downpipes with a diameter of 80, 100 and 120 mm; it is compact and easy to install (weight approx. 1500 g)
- Anchoring ribs on the exterior of the building ensure maximum anchorage in concrete and flooring
- Trap inserts that are both frost-proof and protected against drying out prevents sewer gases entering the room. No need for expensive frost-proof installation.
- Connecting rings enable quick connection to downpipes with a range of diameters
- The outlet can be infinitely adjusted through 360 degrees from vertical to horizontal, thus enabling simple, tension-free connection to further pipelines
- Convenient and simple tool-free maintenance/cleaning
- If equipped with a domed grate, its overflow function ensures adequate drainage of rainwater

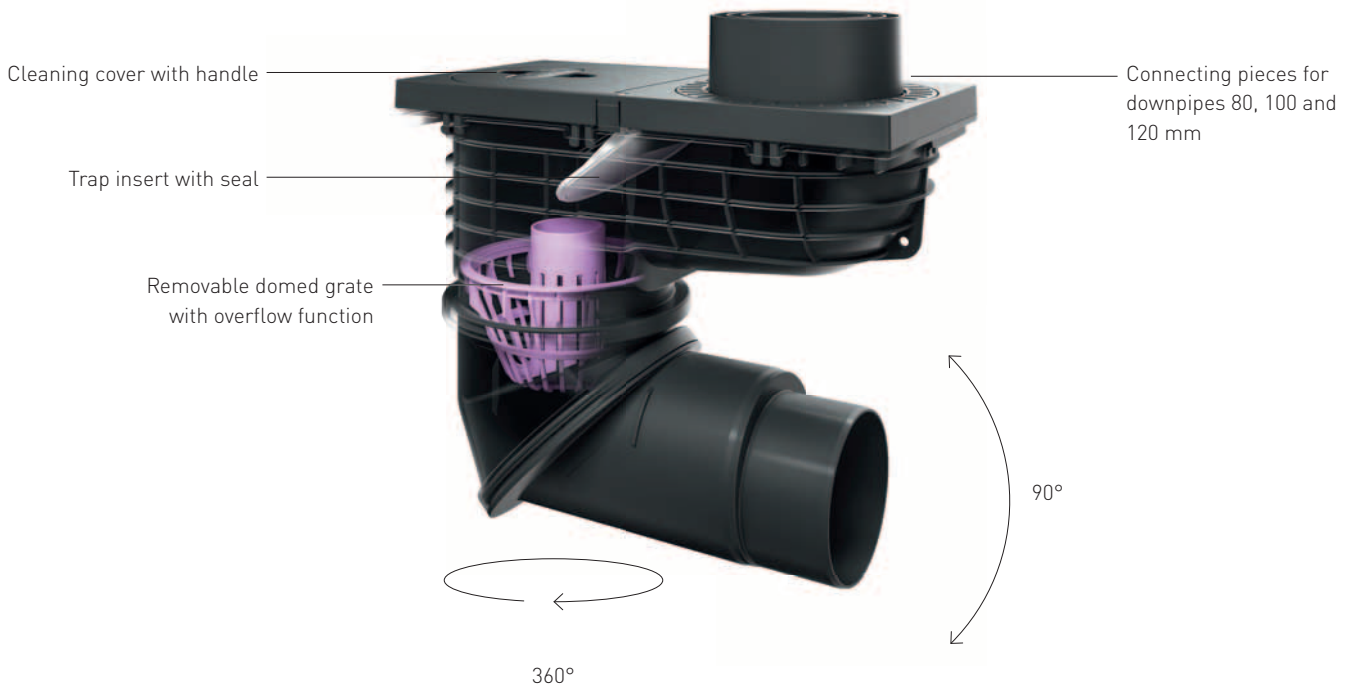
### Technical information

For downpipes of diameter: 80, 100 and 120 mm

Drainage rates:

DN 100: 10 l/s, DN 125: 11 l/s

Trap insert is frost-proof and protected against drying out



# Rain water hopper

## DALLMER rain water hopper type 600 N

for downpipes with d: 80, 100 and 120 mm  
outlet DN 100/DN 125.

### SPECIFICATION

- outlet adjustable 0 – 90 degrees, spigot rotates 360 degrees
- leaf-basket with overflow function
- mechanically sealing device with lip seal
- cleaning cover with handle and seal

### MATERIAL

polypropylene

#### FLOW RATE

DN 100	10,0 l/s
DN 125	11,0 l/s

#### ITEM

rain water hopper type 600 N

#### DN

DN 100/DN 125

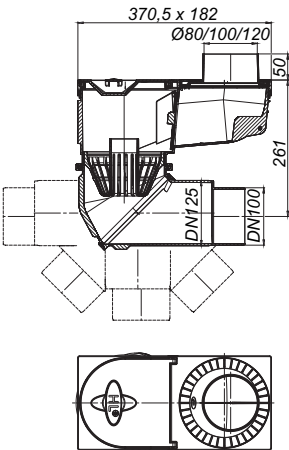
#### PART NO.

840608

A self-closing flap-valve prevents foul air escaping. As this works without a water seal, protection from freezing is not necessary



rain water hopper type 600 N



## DALLMER rain water hopper 660

for downpipes with d: 75, 90, 100 and 110 mm  
outlet DN 100/DN 125, vertical, fixed

### SPECIFICATION

- leaf-basket
- trap insert
- self-closing flap-valve
- cleaning cover with handle

### MATERIAL

polypropylene

#### FLOW RATE

DN 100/DN 125	6,7 l/s
---------------	---------

#### ITEM

rain water hopper type 660

#### DN

DN 100/DN 125

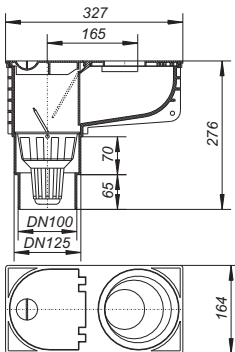
#### PART NO.

840769

A self-closing flap-valve prevents foul air escaping. As this works without a water seal, protection from freezing is not necessary



rain water hopper type 660









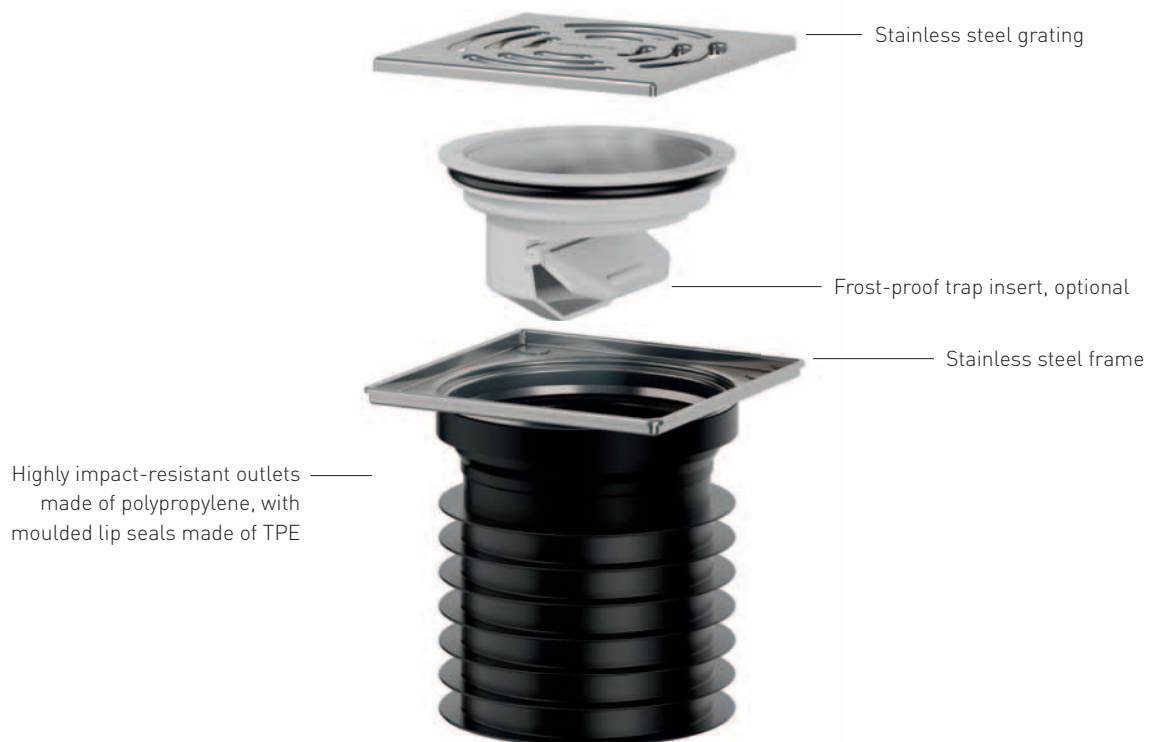
# Floor drains for outdoor use

## PRONTO

- For gardens, terraces and cellars
- Anywhere where there is no special waterproofing membrane specification, the PRONTO trap insert is a quick and cost-effective solution.
- Simply cut the pipe flush with the floor, insert trap - done
- Fitted with strong lip seals, the drain body is height adjustable up to 75 mm
- Dallmer designer gratings (115 x 115 mm) can also be installed
- The siphon insert is easy to remove, which provides a cleaning opening of 83 mm in diameter
- New to the PRONTO family: The PRONTO Primus with bell trap and mechanical trap insert
- PRONTO – the innovation for the sanitaryware, construction engineering and horticultural sectors

### Technical information

Drainage rates: 0.4 l/s - 0.82 l/s, depending on the drain version  
Can be combined with frost-proof trap insert



# PRONTO utility drain

## DALLMER floor drain PRONTO

conforming to DIN EN 1253  
pushes into a pipe, for floor constructions without a waterproofing membrane

### SPECIFICATION

- trap insert removable for cleaning, 50 mm water seal
- flexible sealing ribs

### MATERIAL

polypropylene/rubber/TPE  
frame 304 stainless steel, 120 x 120 mm  
grate 304 stainless steel, 115 x 115 mm, load class K 3 (300 kg)

FLOW RATE TESTED TO DIN EN 1253 TAB. 3,  
(with 20 mm water over grate), conforming to DIN EN 274

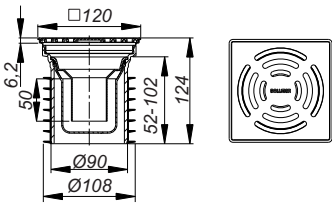
	Required	Dallmer
DN 100	0,4 l/s	0,8 l/s
DN 125	0,4 l/s	0,8 l/s

ITEM	DN	DIMENSION	PART NO.
floor drain PRONTO	DN 100	120 x 120 mm	700063
floor drain PRONTO	DN 125	120 x 120 mm	700087

The trap assembly can be easily removed and the fitting used for rodding access.



floor drain PRONTO



## DALLMER floor drain PRONTO K

pushes into a pipe, for floor constructions without a waterproofing membrane

### SPECIFICATION

- trap insert removable for cleaning, 50 mm water seal
- flexible sealing ribs

### MATERIAL

polypropylene/rubber/TPE  
frame polypropylene, 120 x 120 mm

- ▶ floor drain PRONTO K  
grate 304 stainless steel, 115 x 115 mm, load class K 3 (300 kg)
- ▶ floor drain PRONTO K, secured  
grate 304 stainless steel, 115 x 115 mm, secured, class K 3 (300 kg)
- ▶ floor drain PRONTO K Alu  
grate aluminium

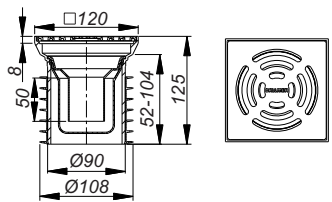
FLOW RATE TESTED TO DIN EN 1253 TAB. 3,  
(with 20 mm water over grate), conforming to DIN EN 274

	Required	Dallmer
DN 100	0,4 l/s	0,82 l/s
DN 125	0,4 l/s	0,82 l/s

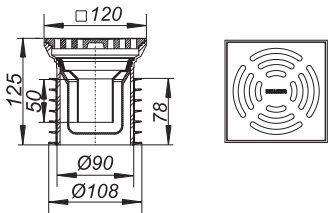
ITEM	DN	DIMENSION	PART NO.
floor drain PRONTO K	DN 100	120 x 120 mm	700360
floor drain PRONTO K, secured	DN 100	120 x 120 mm	700391
floor drain PRONTO K	DN 125	120 x 120 mm	700384
floor drain PRONTO K Alu	DN 100	120 x 120 mm	700339



floor drain PRONTO K



floor drain PRONTO K Alu



# PRONTO utility drain

## DALLMER floor drain PRONTO Primus

pushes into a DN 100 pipe, for floor constructions without a waterproofing membrane

### SPECIFICATION

- removable Primus trap insert, using a floating bell, which sinks to seal the trap if water evaporates
- flexible sealing ribs

### MATERIAL

polypropylene/rubber/TPE

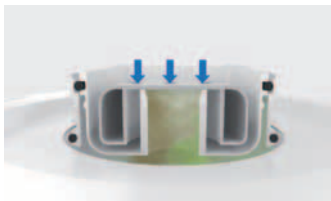
frame 304 stainless steel, 120 x 120 mm

grate 304 stainless steel, 115 x 115 mm, load class K 3 (300 kg)

### The Primus system:



with water,  
it's a bell-trap



without water  
the bell sinks to seal the pipe

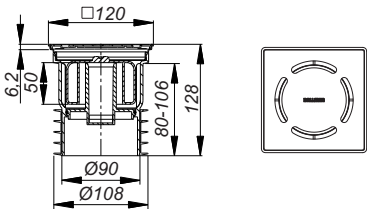
**FLOW RATE TESTED TO DIN EN 1253 TAB. 3,**  
(with 20 mm water over grate), conforming to DIN EN 274

	Required	Dallmer
DN 100	0,4 l/s	0,4 l/s

ITEM	DN	DIMENSION	PART NO.
floor drain PRONTO Primus	DN 100	120 x 120 mm	700032



floor drain PRONTO Primus



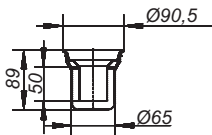
## DALLMER trap insert for PRONTO

spare Part for floor drains PRONTO

ITEM	PART NO.
trap insert for PRONTO	480774



trap insert for PRONTO



## DALLMER self-closing flap-valve S 10/12

for use with floor drain PRONTO in place of trap insert (except for PRONTO K Alu), gratings and frames series 10 with 120 x 120 mm or with d: 120 mm, and for frames type SES 10/ECS 12.

Used on combined foul and rainwater systems, the flap-valve allows water to drain whilst preventing the escape of foul air and foam.

**With no water seal, it cannot freeze!**

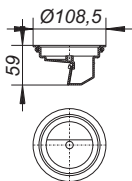
### MATERIAL

ABS

ITEM	DIMENSION	PART NO.
self-closing flap-valve S 10/12	d: 108,5 mm	495846



self-closing flap-valve S 10/12







# Floor drains for outdoor use

## Klenkmatik

Klenkmatik drains have an automatic cover flap that functions both as a trap insert without water trap and as a non-return valve.

### Technical information

Build-in height: 184 mm

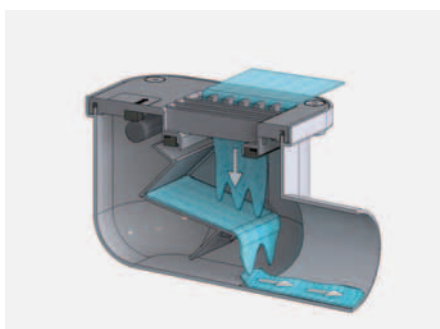
Drainage rates: Lateral outlets 1.9 l/s,  
vertical outlets 2.8 l/s



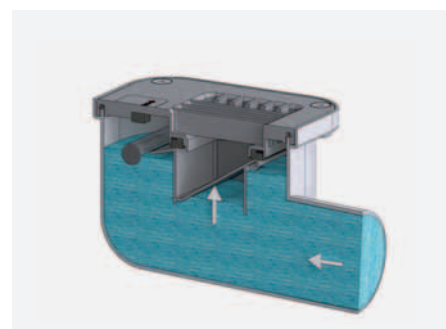
### Operating principle



In the normal position, a counterweight presses the cover flap against the sealing surface



The change in weight caused by the inflow of water automatically opens the cover flap



Backflow water presses the cover flap against the sealing surface. The higher the water pressure, the tighter the flap seals.

# Klenkmatik drains

## DALLMER Klenkmatik drain type K 1

with automatic flap/seal  
outlet DN 100 vertical

### MATERIAL

body polyamide,  
grate polyamide, secured, load class L 15 (1.5 t)

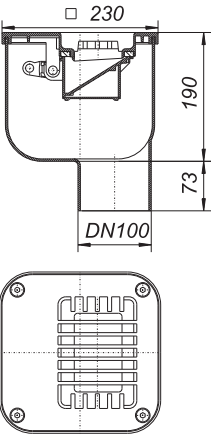
#### FLOW RATE TESTED TO DIN EN 1253 (with 20 mm water over grate)

	Required	Dallmer
DN 100	1,4 l/s	2,8 l/s

ITEM	DN	PART NO.
Klenkmatik drain type K 1	DN 100	730169



Klenkmatik drain type K 1



## DALLMER Klenkmatik drain type K 2

with automatic flap/seal  
outlet DN 100 horizontal (3 degrees)

### MATERIAL

body polyamide,  
grate polyamide, secured, load class L 15 (1.5 t)

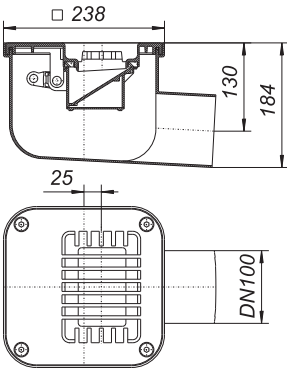
#### FLOW RATE TESTED TO DIN EN 1253 (with 20 mm water over grate)

	Required	Dallmer
DN 100	1,4 l/s	1,9 l/s

ITEM	DN	PART NO.
Klenkmatik drain type K 2	DN 100	730060



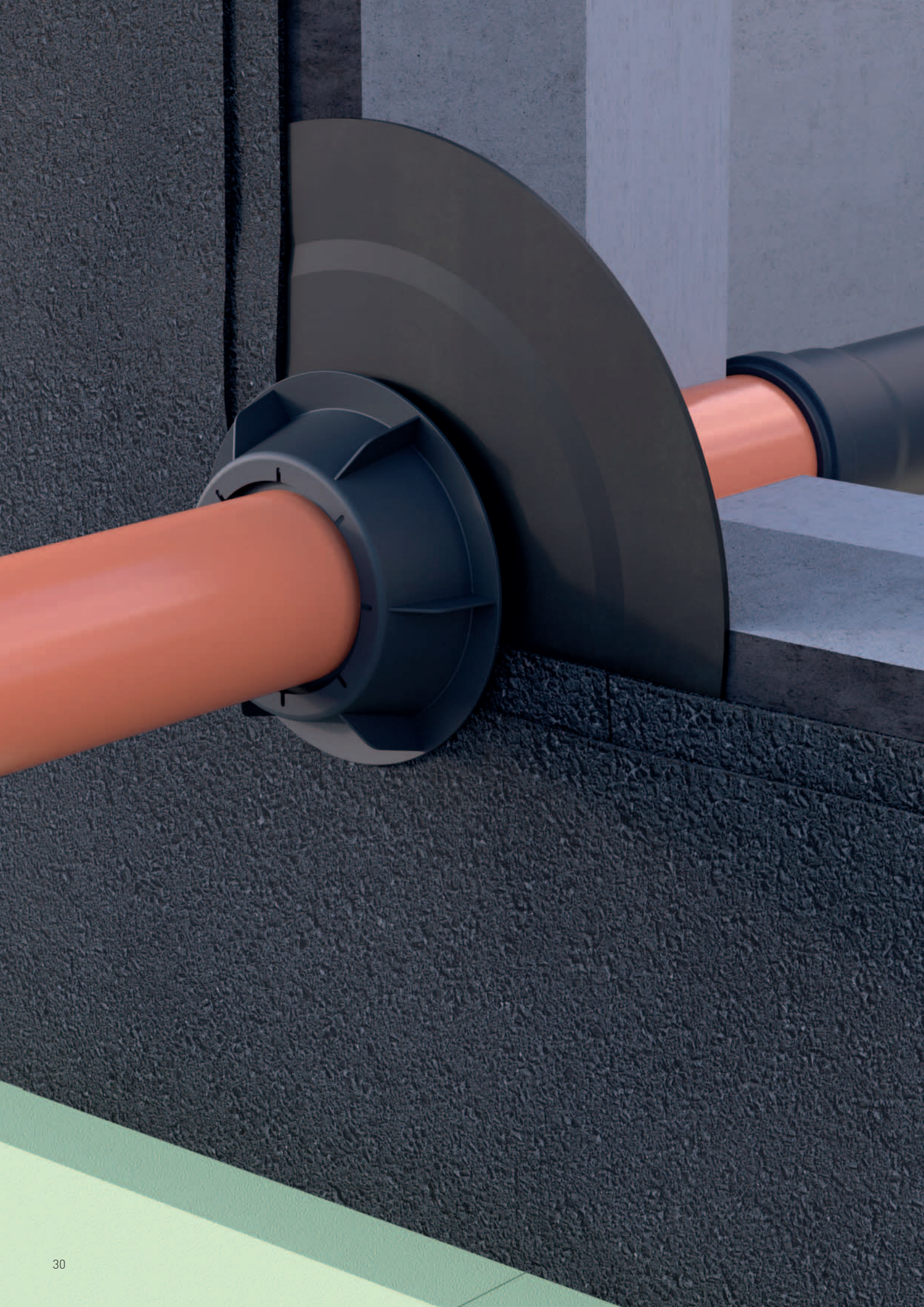
Klenkmatik drain type K 2



The sealing plate is counterbalanced. When it fills with water, it automatically empties and re-seals. Ideal on combined sewer/surface water drains eg. at the base of rainwater pipes.









## DallBit pipe sleeve

The DallBit pipe sleeve is ultra-simple and ultra-effective. It is simply pushed onto the pipe feeding through the wall and the factory-welded bitumen sheet collar fused with the bitumen sheeting or bitumen layer of the wall. The waterproof connection to the pipe is achieved using multiple lip seals, which are pressed firmly against the surface with a safety nut and a compression connector.

The DallBit pipe sleeve can also be used on elbow ends and is suitable for plastic, cast iron and steel pipes. Thanks to the flexibility of the bitumen sheet collar, it is also suitable for use in proximity to wall corners and edges.

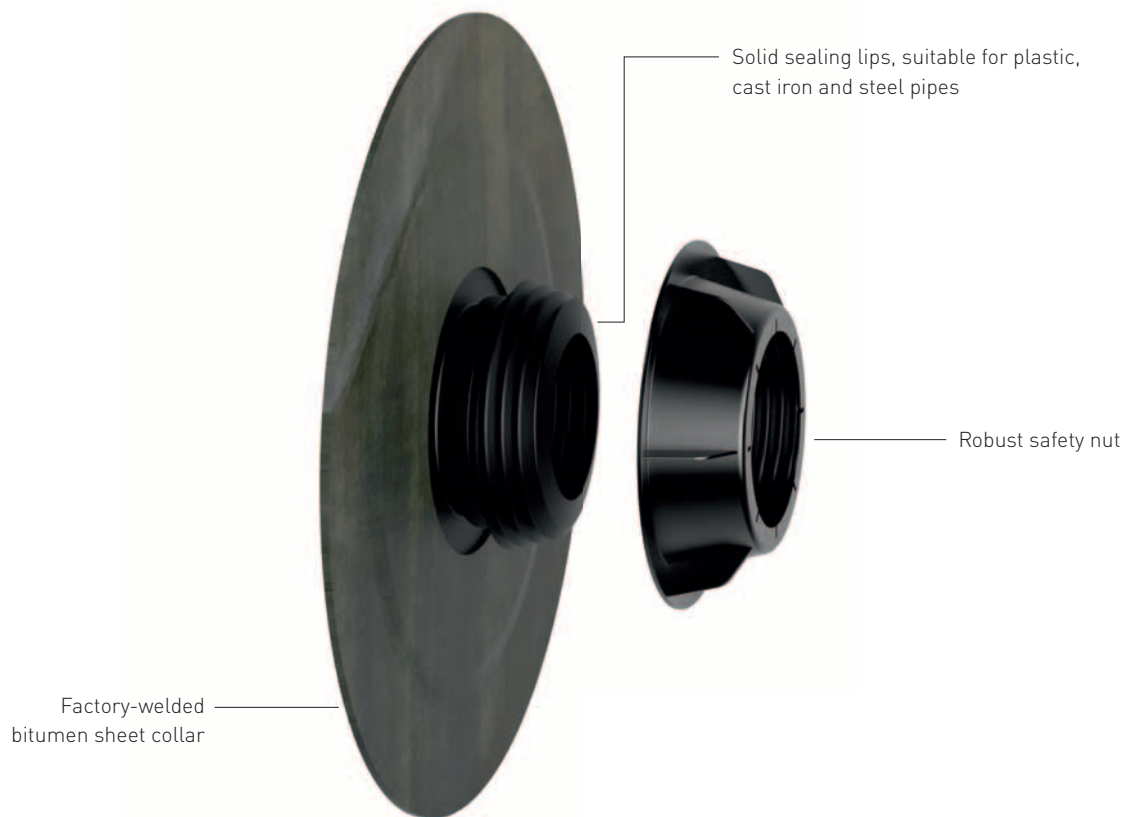
### Technical information

Material: elastomer, bitumen, polypropylene

Nominal widths: DN 100, DN 150

Leakage test: up to 6 m water column

Recommended: KMB compound (plastic-modified bitumen material),  
Polymer bitumen / PVC sheeting

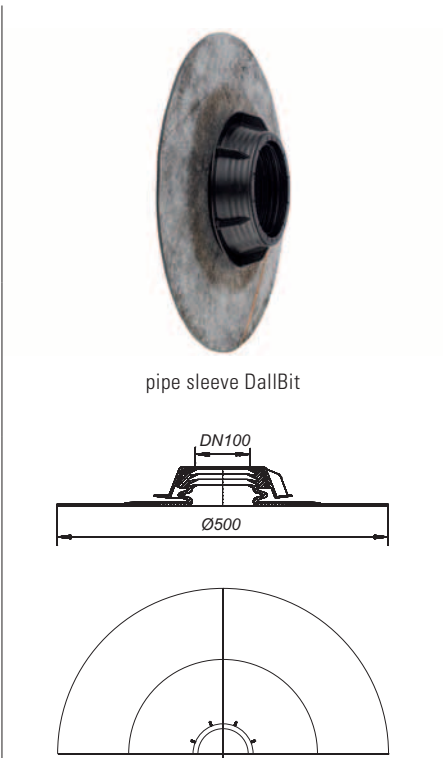


# Pipe sleeves

**DALLMER pipe sleeve DallBit**  
 seals around a pipe where it penetrates a slab or wall, waterproof to 6.0 m water gauge

- ▶ **pipe sleeve DallBit DN 100**  
 with factory-fitted collar of bituminous membrane d: 500 mm
- ▶ **pipe sleeve DallBit DN 150**  
 with factory-fitted collar of bituminous membrane d: 560 mm

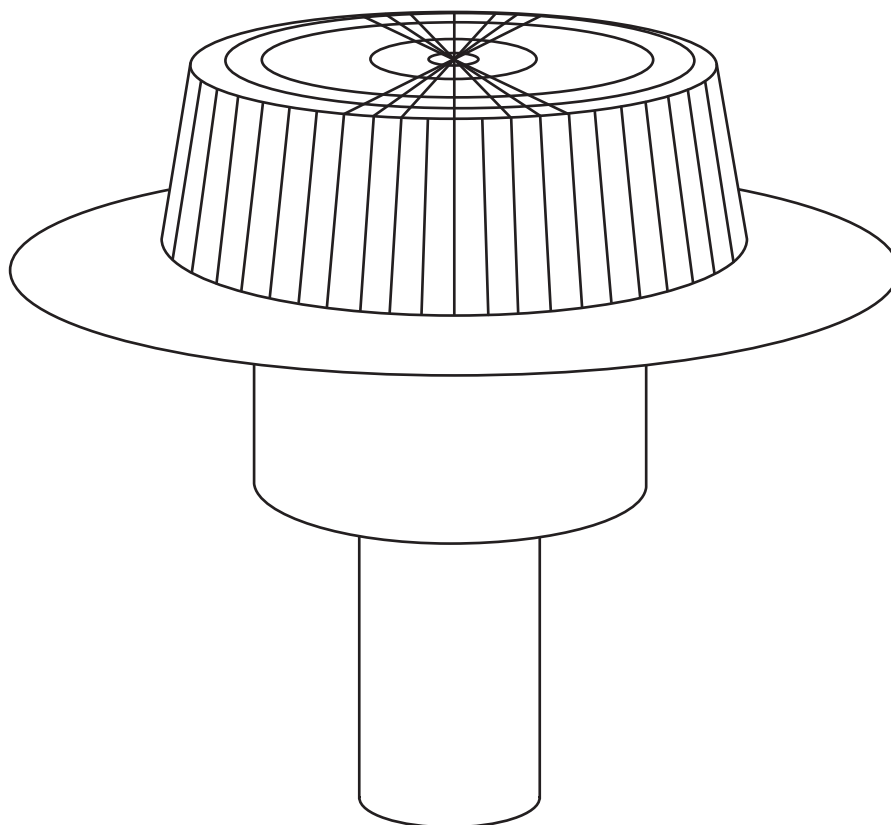
ITEM	DN	PART NO.
pipe sleeve DallBit	DN 100	890061
pipe sleeve DallBit	DN 150	890092





## Roof drains





Roof drains for gravity drainage 36

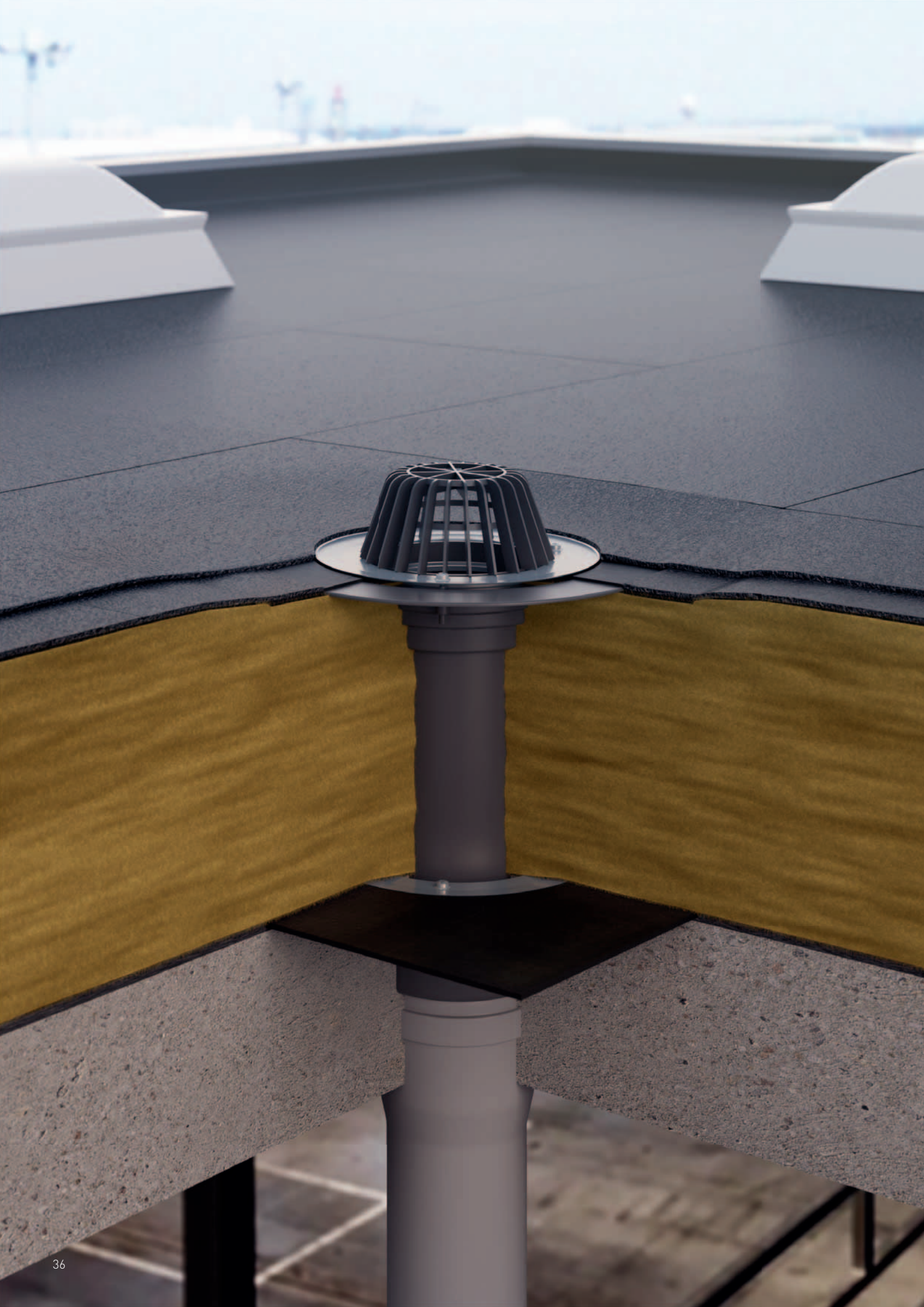
Overflow drains for gravity drainage 54

Renova roof drains 62

Gratings for green roofs and terraces, gravity drainage accessories 72

Siphonic roof drainage SuperDrain 78

Siphonic overflow drainage SuperDrain 86



## Roof drains for gravity drainage

We have expanded our portfolio of roof drains in order to meet customer demand for greater flexibility. Our range of products now includes versions that enable connection to all common vapour barriers and roof membranes: this includes asphalt sheeting, PE films, FPO-PP and PVC roof membranes. Polymer roof membranes can be secured using clamp rings. All roof drains comply with drainage rate tables as per DIN EN 1253.

### Technical information

Drainage rates vary according to drain version, connection type and water over grate  
With or without thermal insulation  
Can be combined with fire and sound insulating structural elements



### Fire insulation solution also available for steel trapezoidal-profiled roofs





Fire insulation elements 8, 9 and 10 for steel trapezoidal-profiled roofs acc. to DIN 18234-3 ensure fire insulation in compliance with IndBauRL. Further versions of our roof drain 62 are suitable for combination with fire and sound insulating structural elements 1 and 5 for installation in concrete surfaces F 30/60/90.

# Overview gravity roof drainage

## roof drain type 62

Insulated roof drains for installation with or without thermal insulation





H = heated version

			
roof drain type 62 clamp ring	roof drain type 62 DallBit	roof drain type 62 PVC	roof drain type 62 FPO
Dimension	Part no.	Dimension	Part no.
DN 70	621047	DN 70	623041
DN 100	621061	DN 100	623065
DN 125	621085	DN 125	623089
DN 150	621092	DN 150	623096
roof drain type 62 H clamp ring	roof drain type 62 H DallBit	roof drain type 62 H PVC	roof drain type 62 H FPO
Dimension	rt.-Nr.	Dimension	Part no.
DN 70	621146	DN 70	623140
DN 100	621160	DN 100	623164
DN 125	621184	DN 125	623188
DN 150	621191	DN 150	623195
Dimension	Part no.	Dimension	Part no.
DN 70	621641	DN 70	621603
DN 100	621658	DN 90	621023
DN 125	621665	DN 100	621627
DN 150	621689	DN 125	621634

## roof drain type 62

Insulated roof drains for installation with or without thermal insulation

H = heated version

			
roof drain type 64 clamp ring	roof drain type 64 DallBit	roof drain type 64 PVC	roof drain type 64 FPO
Dimension	Part no.	Dimension	Part no.
DN 70/100	641076	DN 70	643070
		DN 100	641045
roof drain type 64 H clamp ring	roof drain type 64 H DallBit	roof drain type 64 H PVC	roof drain type 64 H FPO
Dimension	Part no.	Dimension	Part no.
DN 70/100	641175	DN 70	643179
		DN 100	641052
Dimension	Part no.	Dimension	Part no.
DN 70	641007	DN 70	641021
DN 100	641014	DN 100	641038





## raising piece type 630

for roof constructions with thermal insulation

		
raising piece type 630 clamp ring Part no. 621580	raising piece type 630 DallBit Part no. 622587	raising piece type 630 PVC Part no. 623584
		
raising piece type 630 FPO-PE Part no. 621573	raising piece type 630 FPO-PP Part no. 671226	

## roof drain type 83 D and 84 D

for small roof areas without thermal insulation

			
roof drain type 83 D clamp ring	roof drain type 83 D DallBit	roof drain type 84 D clamp ring	roof drain type 84 D DallBit
Dimension	Part no.	Dimension	Part no.
DN 50	830623	DN 50	831620
DN 70	830647	DN 70	831644
		DN 100	831668
Dimension	Part no.	Dimension	Part no.
DN 50	832627	DN 50	832726
DN 70	832641	DN 70	832740
		DN 100	832764

type clamp ring: stainless steel clamp ring to secure all single-ply membranes, type DallBit: drain body with factory-fitted collar of 5.0 mm modified bitumen membrane, welded to the flange and clamped with a stainless steel clamp ring, type PVC: one-piece drain, moulded in PVC, PVC membranes can be welded to the flange, type FPO-PE: extra wide flange for welding FPO-PE membranes directly, type FPO-PP: extra wide flange for welding FPO-PP membranes directly, H = roof drain heated version: Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78



# Overview gravity roof drainage

## Power roof drain type 86.0

for installation into the thermal insulation

					
Power roof drain type 86.0 DallBit	Power roof drain type 86.0 PVC	Power roof drain type 86.0 FPO-PP			
Dimension DN 70	Part no. 641113	Dimension DN 70	Part no. 641120	Dimension DN 70	Part no. 641137













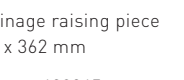

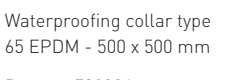
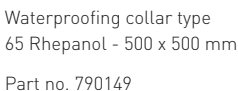
## Power overflow drain type 86 D

Overflow drainage for installation into the thermal insulation

					
Power overflow drain type 86 D DallBit	Power overflow drain type 86 D PVC	Power overflow drain type 86 D FPO-PP			
Dimension DN 70	Part no. 671363	Dimension DN 70	Part no. 671370	Dimension DN 70	Part no. 671387





## Accessories

for roof drains

							
Overflow adaptor 86.1	Domed grating/Gravel guard stainless steel type S 15	Domed grating/Gravel guard type S 15	Domed grating/Gravel guard type 63 T				
Dimension d: 310 mm	Part no. 671394	Dimension d: 156 mm	Part no. 620934	Dimension d: 170 mm	Part no. 620996	Dimension d: 237 mm	Part no. 620866
							
Perforated collar/Gravel guard type S 15	Perforated collar inverted roof	Flat grate type S 15	Flange seal S 65				
Dimension d: 170 mm	Part no. 590121	Dimension d: 170 mm	Part no. 495938	Dimension d: 170 mm	Part no. 590183	Dimension d: 297 mm	Part no. 659958
							
Grating for "green" roofs 362 x 362 mm	Balcony grating type SES 15 150 x 150 mm	Balcony grating type GES 15 200 x 200 mm	Waterproofing collar type 65 PVC - 500 x 500 mm				
Part no. 620958	Part no. 500304	Part no. 500328	Part no. 790217				
							
Drainage raising piece 362 x 362 mm	Balcony grating type SEN 15 150 x 150 mm		Waterproofing collar type 65 EPDM - 500 x 500 mm				
Part no. 620965	Part no. 500311		Part no. 790224				
							
			Waterproofing collar type 65 Rhepanol - 500 x 500 mm				
			Part no. 790149				

## Fire-protection

for installation with or without thermal insulation

							
fire-protection kit 8 for profiled steel roof deck		fire-protection kit 9/10 for profiled steel roof deck		fire-protection kit 1 for concrete deck		fire-protection kit 5 for concrete deck (for heated roof drains)	
Dimension	Part no.	Dimension	Part no.	Dimension	Part no.	Dimension	Part no.
DN 70	515131	DN 90/100	515148	DN 70	515018	DN 70	515056
		DN 125	515155				

type clamp ring: stainless steel clamp ring to secure all single-ply membranes  
type DallBit: drain body with factory-fitted collar of 5.0 mm modified bitumen membrane, welded to the flange and clamped with a stainless steel clamp ring  
type PVC: one-piece drain, moulded in PVC, PVC membranes can be welded to the flange  
type FPO-PP: extra wide flange for welding FPO-PP membranes directly

# Roof drains for gravity roof drainage

## DALLMER roof drain type 62 clamp ring

conforming to DIN EN 1253

with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- insulated drain body
- outlet vertical
- domed grate


### MATERIAL

polypropylene, UV-stabilized

### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,90	3,50	6,80	9,90	13,20	15,00	15,10	15,20
DN 100	4,5 (35 mm)	1,00	4,10	7,30	10,70	14,50	18,30	23,20	29,40
DN 125	7,0 (45 mm)	1,00	4,10	6,90	10,20	14,00	17,70	22,40	27,70
DN 150	8,1 (45 mm)	1,00	4,20	7,10	10,30	14,10	18,00	22,60	28,40

ITEM	DN	PART NO.
 roof drain type 62 clamp ring	DN 70	621047
roof drain type 62 clamp ring	DN 100	621061
roof drain type 62 clamp ring	DN 125	621085
roof drain type 62 clamp ring	DN 150	621092
 roof drain type 62 H clamp ring, heated	DN 70	621146
roof drain type 62 H clamp ring, heated	DN 100	621160
roof drain type 62 H clamp ring, heated	DN 125	621184
roof drain type 62 H clamp ring, heated	DN 150	621191

 R 30 - 120 option available.

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

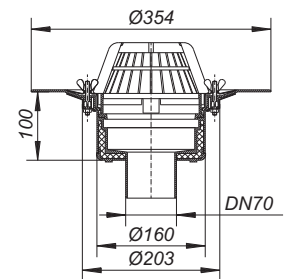
Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps



roof drain type 62 clamp ring



recess size: 265 x 320 mm  
core drill: d: 265 mm

# Roof drains for gravity roof drainage

## DALLMER roof drain type 62 DallBit

conforming to DIN EN 1253

with factory-fitted collar of 5.0 mm modified bitumen membrane, 500 x 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION









- insulated drain body
- outlet vertical
- domed grate

### MATERIAL

polypropylene, UV-stabilized

### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,90	3,50	6,80	9,90	13,20	15,00	15,10	15,20
DN 100	4,5 (35 mm)	1,00	4,10	7,30	10,70	14,50	18,30	23,20	29,40
DN 125	7,0 (45 mm)	1,00	4,10	6,90	10,20	14,00	17,70	22,40	27,70
DN 150	8,1 (45 mm)	1,00	4,20	7,10	10,30	14,10	18,00	22,60	28,40

ITEM	DN	PART NO.
 roof drain type 62 DallBit	DN 70	622044
 roof drain type 62 DallBit	DN 100	622068
 roof drain type 62 DallBit	DN 125	622082
 roof drain type 62 DallBit	DN 150	622099
 roof drain type 62 H DallBit, heated	DN 70	622143
 roof drain type 62 H DallBit, heated	DN 100	622167
 roof drain type 62 H DallBit, heated	DN 125	622181
 roof drain type 62 H DallBit, heated	DN 150	622198

 R 30 - 120 option available.

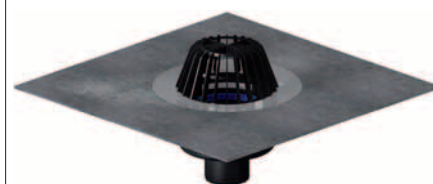
H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

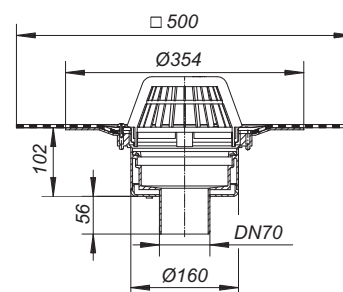
Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps



roof drain type 62 DallBit



recess size: 265 x 320 mm  
core drill: d: 265 mm

# Roof drains for gravity roof drainage

## DALLMER roof drain type 62 PVC

conforming to DIN EN 1253

one-piece drain, moulded in PVC, PVC membranes can be welded to the flange

### SPECIFICATION







- insulated drain body
- outlet vertical
- domed grate


### MATERIAL

PVC

### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,55	2,30	4,50	7,40	10,60	12,85	16,30	16,30
DN 90	4,5 (35 mm)	0,65	2,50	5,00	7,90	11,50	15,30	19,40	22,10
DN 100	4,5 (35 mm)	0,65	2,50	5,00	7,85	11,45	15,20	19,20	23,60
DN 125	7,0 (45 mm)	0,65	2,50	4,90	7,50	10,75	14,40	18,70	23,10
DN 150	8,1 (45 mm)	0,55	2,55	4,95	7,70	11,10	14,50	18,20	23,60

ITEM	DN	PART NO.
 roof drain type 62 PVC	DN 70	623041
 roof drain type 62 PVC	DN 100	623065
 roof drain type 62 PVC	DN 125	623089
roof drain type 62 PVC	DN 150	623096
 roof drain type 62 H PVC, heated	DN 70	623140
 roof drain type 62 H PVC, heated	DN 100	623164
 roof drain type 62 H PVC, heated	DN 125	623188
roof drain type 62 H PVC, heated	DN 150	623195

 R 30 - 120 option available.

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

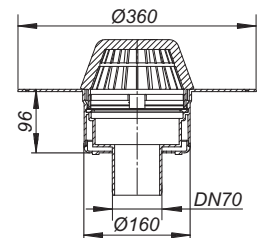
Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps



roof drain type 62 PVC



recess size: 265 x 320 mm  
core drill: d: 265 mm

# Roof drains for gravity roof drainage

## DALLMER roof drain type 62 FPO

conforming to DIN EN 1253

with extra wide flange for welding FPO-PP membranes directly or fixing PE vapour barriers

### SPECIFICATION









- insulated drain body
- outlet vertical
- domed grate

### MATERIAL

polypropylene, UV-stabilized

### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,55	2,30	4,50	7,40	10,60	12,85	16,30	16,30
DN 90	4,5 (35 mm)	0,65	2,50	5,00	7,90	11,50	15,30	19,40	22,10
DN 100	4,5 (35 mm)	0,65	2,50	5,00	7,85	11,45	15,20	19,20	23,60
DN 125	7,0 (45 mm)	0,65	2,50	4,90	7,50	10,75	14,40	18,70	23,10

ITEM	DN	PART NO.
 roof drain type 62 FPO	DN 70	621641
 roof drain type 62 FPO	DN 90	621658
 roof drain type 62 FPO	DN 100	621665
 roof drain type 62 FPO	DN 125	621689
 roof drain type 62 H FPO, heated	DN 70	621603
 roof drain type 62 H FPO, heated	DN 90	621023
 roof drain type 62 H FPO, heated	DN 100	621627
 roof drain type 62 H FPO, heated	DN 125	621634

 R 30 - 120 option available.

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

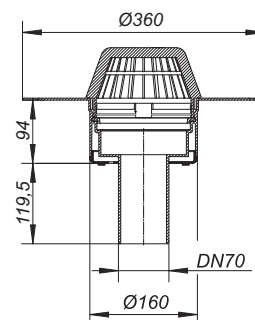
Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps



roof drain type 62 FPO



recess size: 170 x 320 mm  
core drill: d: 170 mm



# Roof drains for gravity roof drainage

## DALLMER roof drain type 64 clamp ring

conforming to DIN EN 1253

with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- insulated drain body
- side outlet DN 70/DN 100, 3 degrees fall
- domed grate

### MATERIAL

polypropylene, UV-stabilized

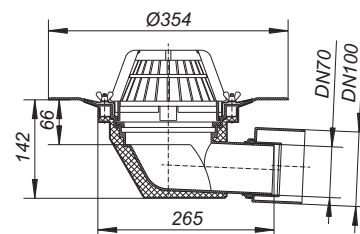
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,90	3,80	5,10	10,00	6,50	6,50	6,50	6,50
DN 100	4,5 (35 mm)	0,90	3,80	6,00	6,00	13,50	16,50	16,70	16,80

ITEM	DN	PART NO.
roof drain type 64 clamp ring	DN 70/DN 100	641076
roof drain type 64 H clamp ring, heated	DN 70/DN 100	641175



roof drain type 64 clamp ring



recess size: 240 x 320 mm

## DALLMER roof drain type 64 DallBit

conforming to DIN EN 1253

with factory-fitted collar of 5.0 mm modified bitumen membrane, 500 x 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- insulated drain body
- side outlet DN 70/DN 100, 3 degrees fall
- domed grate

### MATERIAL

polypropylene, UV-stabilized

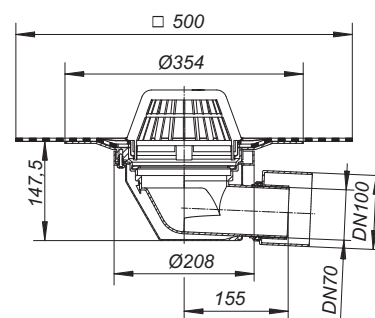
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,90	3,80	5,10	10,00	6,50	6,50	6,50	6,50
DN 100	4,5 (35 mm)	0,90	3,80	6,00	6,00	13,50	16,50	16,70	16,80

ITEM	DN	PART NO.
roof drain type 64 DallBit	DN 70/DN 100	642073
roof drain type 64 H DallBit, heated	DN 70/DN 100	642172



roof drain type 64 DallBit



recess size: 240 x 320 mm

DN 70 connects to BS4514 75 mm pipework with 880345 adaptor

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps

# Roof drains for gravity roof drainage

## DALLMER roof drain type 64 PVC

conforming to DIN EN 1253

one-piece drain, moulded in PVC, PVC membranes can be welded to the flange

### SPECIFICATION

- insulated drain body
- side outlet DN 70 or DN 100, 3 degrees fall
- domed grate

### MATERIAL

PVC

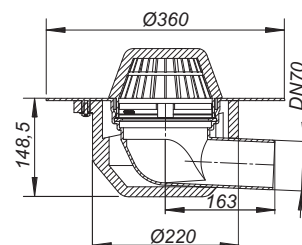
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,65	2,50	4,40	6,90	10,30	13,60	17,15	17,60
DN 100	4,5 (35 mm)	0,60	2,70	5,10	7,80	11,40	15,25	19,40	24,20

ITEM	DN	PART NO.
roof drain type 64 PVC	DN 70	643070
roof drain type 64 PVC	DN 100	641045
roof drain type 64 H PVC, heated	DN 70	643179
roof drain type 64 H PVC, heated	DN 100	641052



roof drain type 64 PVC



recess size: 240 x 320 mm

## DALLMER roof drain type 64 FPO

conforming to DIN EN 1253

with extra wide flange for welding FPO-PP membranes directly or fixing PE vapour barriers

### SPECIFICATION

- insulated drain body
- side outlet DN 70 or DN 100, 3 degrees fall
- domed grate

### MATERIAL

polypropylene, UV-stabilized

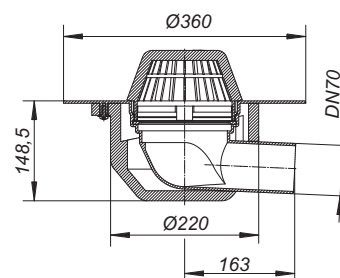
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,65	2,50	4,40	6,90	10,30	13,60	17,15	17,60
DN 100	4,5 (35 mm)	0,60	2,70	5,10	7,80	11,40	15,25	19,40	24,20

ITEM	DN	PART NO.
roof drain type 64 FPO	DN 70	641007
roof drain type 64 FPO	DN 100	641014
roof drain type 64 H FPO, heated	DN 70	641021
roof drain type 64 H FPO, heated	DN 100	641038



roof drain type 64 FPO



recess size: 240 x 320 mm

DN 70 connects to BS4514 75 mm pipework with 880345 adaptor

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps

# Roof drains for gravity roof drainage

## DALLMER power roof drain type 86.0 DallBit

flat roof drain used for use in roofs with minimum 120 mm insulation, with factory-fitted collar of 5.0 mm modified bitumen membrane, d: 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- side outlet DN 70
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

### FLOW RATE IN L/S TESTED TO DIN EN 1253

WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 3 M)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	0,70	3,20	7,30	12,00	15,60	16,00	16,00

### FLOW RATE IN L/S TESTED TO DIN EN 1253

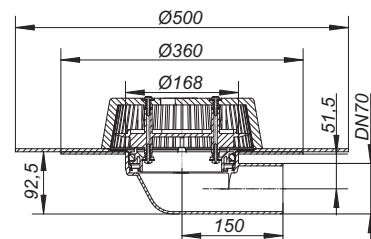
WITH WATER LEVEL OVER DRAIN 5 - 65 MM (FREE DRAINAGE)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	1,00	3,80	3,90	4,10	4,20	4,30	4,50

ITEM	DN	PART NO.
power roof drain type 86.0 DallBit	DN 70	641113



power roof drain type 86.0 DallBit



## DALLMER power roof drain type 86.0 PVC

flat one-piece drain, moulded in PVC, PVC membranes can be welded to the flange, for use in roofs with minimum 120 mm insulation

### SPECIFICATION

- side outlet DN 70
- domed grate, secured

### MATERIAL

PVC

### FLOW RATE IN L/S TESTED TO DIN EN 1253

WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 3 M)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	0,70	3,20	7,30	12,00	15,60	16,00	16,00

### FLOW RATE IN L/S TESTED TO DIN EN 1253

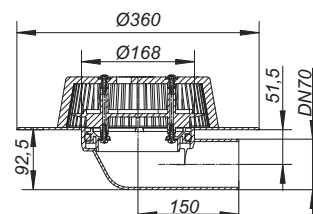
WITH WATER LEVEL OVER DRAIN 5 - 65 MM (FREE DRAINAGE)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	1,00	3,80	3,90	4,10	4,20	4,30	4,50

ITEM	DN	PART NO.
power roof drain type 86.0 PVC	DN 70	641120



power roof drain type 86.0 PVC



# Roof drains for gravity roof drainage

## DALLMER power roof drain type 86.0 FPO-PP

flat roof drain used for use in roofs with minimum 120 mm insulation, with extra wide flange for welding FPO-PP membranes directly

### SPECIFICATION

- side outlet DN 70
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

### FLOW RATE IN L/S TESTED TO DIN EN 1253

WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 3 M)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	0,70	3,20	7,30	12,00	15,60	16,00	16,00

### FLOW RATE IN L/S TESTED TO DIN EN 1253

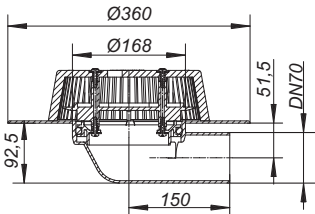
WITH WATER LEVEL OVER DRAIN 5 - 65 MM (FREE DRAINAGE)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	1,00	3,80	3,90	4,10	4,20	4,30	4,50

ITEM	DN	PART NO.
power roof drain type 86.0 FPO-PP	DN 70	641137



power roof drain type 86.0 FPO-PP



# Raising pieces for gravity roof drainage

## DALLMER raising piece type 630 clamp ring

used with roof drain types 62 and 64,  
with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

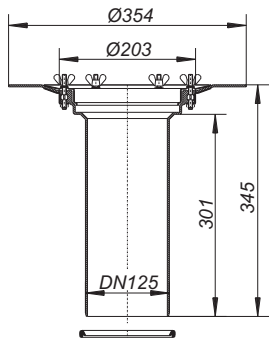
### MATERIAL

polypropylene, UV-stabilized

ITEM	PART NO.
raising piece type 630 clamp ring	621580



raising piece type 630 clamp ring



## DALLMER raising piece type 630 DallBit

used with roof drain types 62 and 64,  
with factory-fitted collar of 5.0 mm modified bitumen membrane, 500 x 500 mm, welded to the  
flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

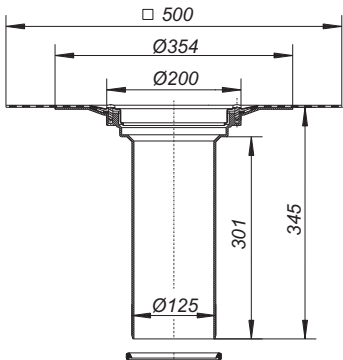
### MATERIAL

polypropylene, UV-stabilized

ITEM	PART NO.
raising piece type 630 DallBit	622587



raising piece type 630 DallBit





# Raising pieces for gravity roof drainage

## DALLMER raising piece type 630 PVC

used with roof drain types 62 and 64,  
moulded in PVC, PVC membranes can be welded to the flange

### SPECIFICATION

- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

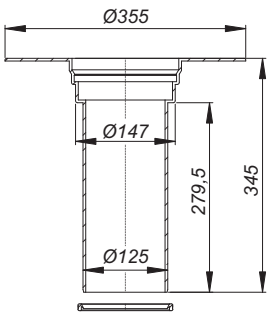
### MATERIAL

PVC

ITEM	PART NO.
raising piece type 630 PVC	623584



raising piece type 630 PVC



## DALLMER raising piece type 630 FPO-PE

used with roof drain types 62 and 64,  
with extra wide flange for welding FPO-PE membranes directly

### SPECIFICATION

- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

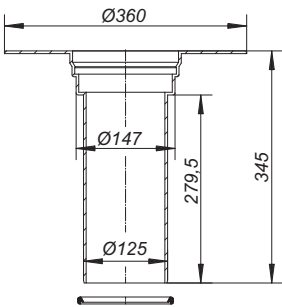
### MATERIAL

polyethylene, UV-stabilized

ITEM	PART NO.
raising piece type 630 FPO-PE	621573



raising piece type 630 FPO-PE



# Raising pieces for gravity roof drainage

## DALLMER raising piece type 630 FPO-PP

used with roof drain types 62 and 64,  
with extra wide flange for welding FPO-PP membranes directly

### SPECIFICATION

- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

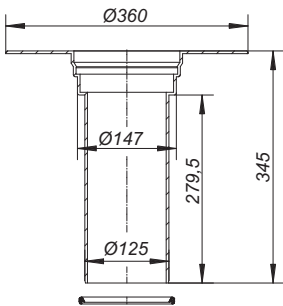
### MATERIAL

polyethylene, UV-stabilized

ITEM	PART NO.
raising piece type 630 FPO-PP	671226



raising piece type 630 FPO-PE



# Roof drains for small areas, for gravity roof drainage

## DALLMER roof drain type 83 D clamp ring

conforming to DIN EN 1253

with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- side outlet, 3 degrees
- domed grating
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

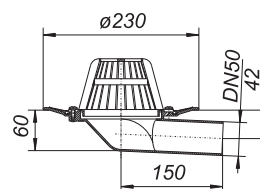
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,60	1,00	1,10	1,20	1,30	1,40	1,40	1,50
DN 70	1,7 (35 mm)	0,90	2,20	4,20	5,50	7,20	9,40	12,80	16,00

ITEM	DN	PART NO.
roof drain type 83 D clamp ring	DN 50	830623
roof drain type 83 D clamp ring	DN 70	830647



roof drain type 83 D clamp ring



recess size: 180 x 270 mm

## DALLMER roof drain type 83 D DallBit

conforming to DIN EN 1253

With d: 420 mm collar of 5.0 mm thick bituminous membrane, welded to the flange and fitted with stainless steel clamp ring.

### SPECIFICATION

- side outlet, 3 degrees
- domed grating
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

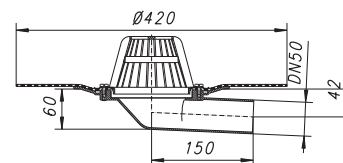
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,60	1,00	1,10	1,20	1,30	1,40	1,40	1,50
DN 70	1,7 (35 mm)	0,90	2,20	4,20	5,50	7,20	9,40	12,80	16,00

ITEM	DN	PART NO.
roof drain type 83 D DallBit	DN 50	832627
roof drain type 83 D DallBit	DN 70	832641



roof drain type 83 D DallBit



recess size: 180 x 270 mm

# Roof drains for small areas, for gravity roof drainage

## DALLMER roof drain type 84 D, clamp ring

conforming to DIN EN 1253

with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- side outlet, 3 degrees
- domed grating
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

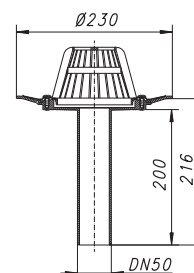
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,90	2,40	3,70	4,40	5,40	5,50	5,70	5,80
DN 70	1,7 (35 mm)	0,90	2,20	3,80	4,90	6,80	9,00	12,00	14,60
DN 100	4,5 (35 mm)	0,90	2,10	4,20	5,70	7,20	9,50	12,60	17,00

ITEM	DN	PART NO.
roof drain type 84 D, clamp ring	DN 50	831620
roof drain type 84 D, clamp ring	DN 70	831644
roof drain type 84 D, clamp ring	DN 100	831668



roof drain type 84 D, clamp ring



recess size: 180 x 250 mm

## DALLMER roof drain type 84 D DallBit

conforming to DIN EN 1253.

with d: 420 mm collar of 5.0 mm thick bituminous membrane, welded to the flange and fitted with stainless steel clamp ring

### SPECIFICATION

- vertical outlet
- domed grating
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

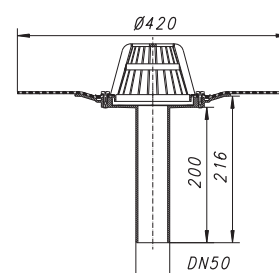
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,90	2,40	3,70	4,40	5,40	5,50	5,70	5,80
DN 70	1,7 (35 mm)	0,90	2,20	3,80	4,90	6,80	9,00	12,00	14,60
DN 100	4,5 (35 mm)	0,90	2,10	4,20	5,70	7,20	9,50	12,60	17,00

ITEM	DN	PART NO.
roof drain type 84 D DallBit	DN 50	832726
roof drain type 84 D DallBit	DN 70	832740
roof drain type 84 D DallBit	DN 100	832764



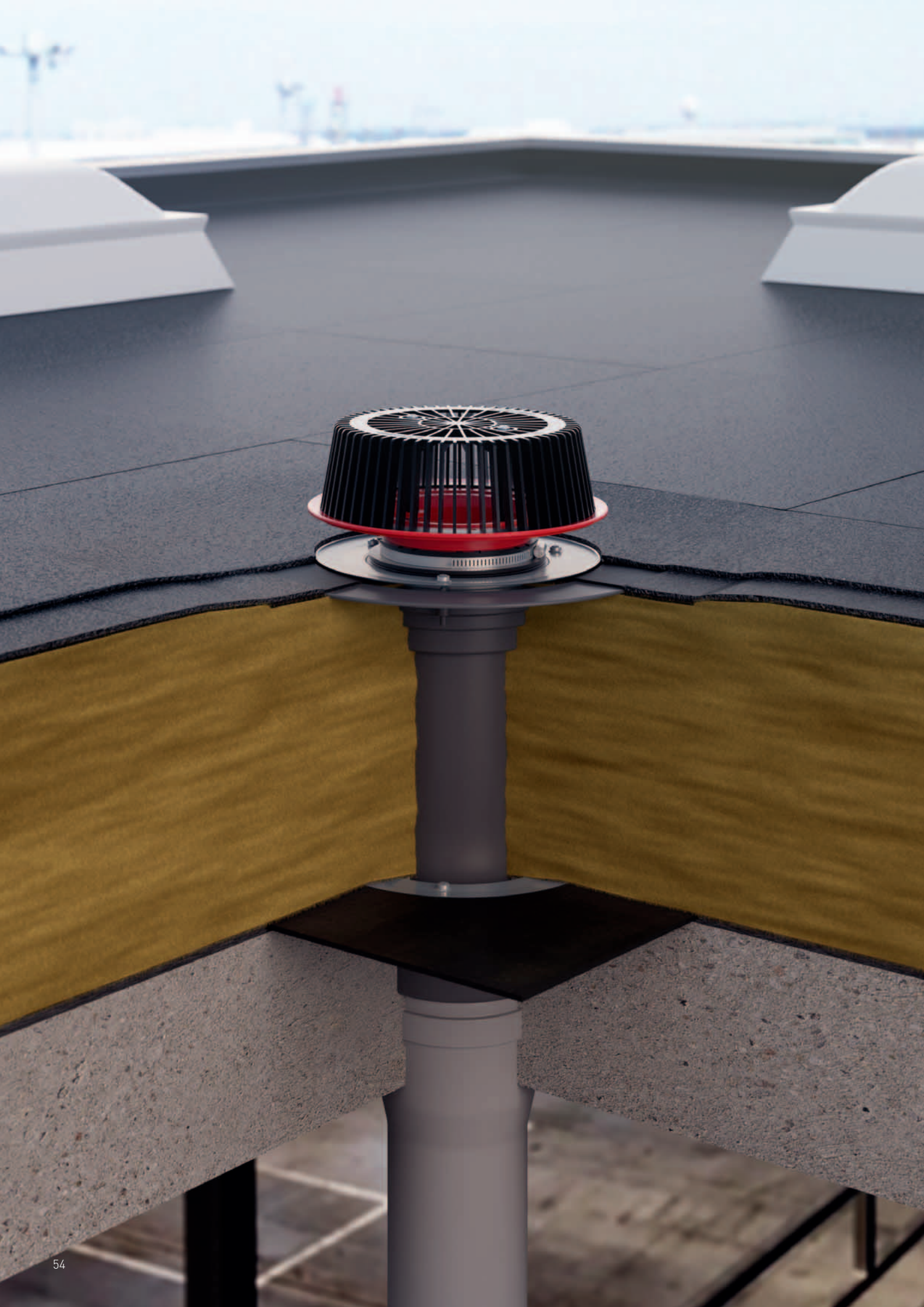
roof drain type 84 D DallBit



recess size: 180 x 250 mm





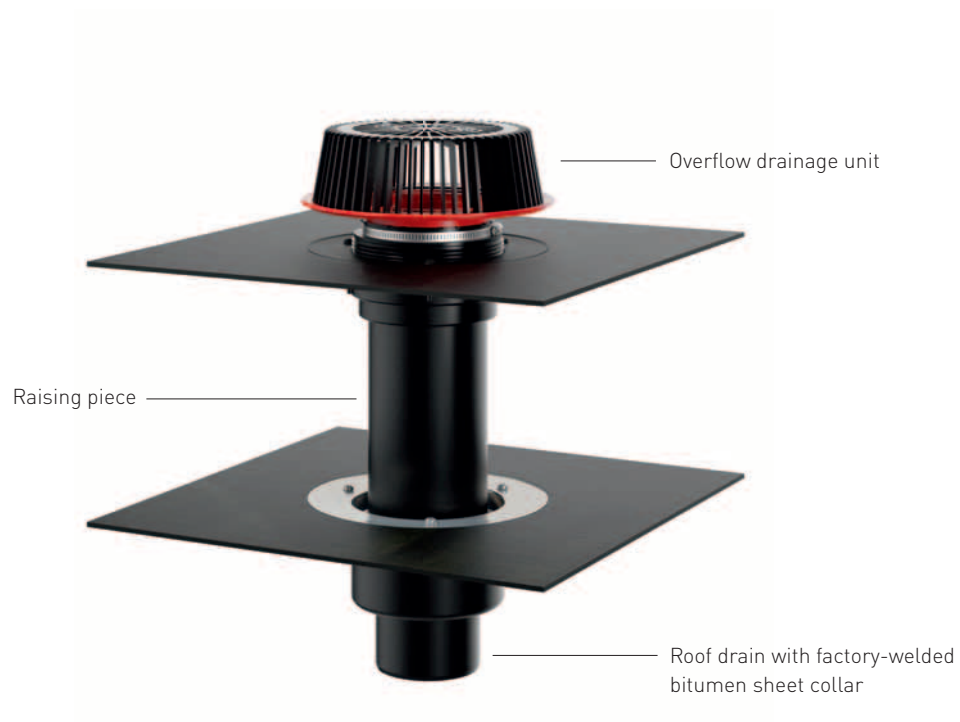


## Overflow drains for gravity drainage

DIN 1986-100 requires object-specific proof of the controlled functionality of the rainwater drainage system, as well as for the reference design rainfall intensity (r5.5) and for the reference rainfall for the 100-year rainfall (r5.100). Dallmer overflow drains have been designed specifically for this purpose and comprise a roof drain and an overflow drainage unit. These are instantly identifiable as a separate system by their signal red colour.

### Technical information

Drainage rates vary according to drain version, connection type and water over grate  
Lockable height adjustment 28 - 68 mm for infinite adjustment of the overflow range  
Screw-connected domed grate



The overflow drainage unit 86.1 is compatible with roof drains 62 and 64 and raising piece 630. Because it is not connected to the roofing membrane, the unit does not need to be integrated in the waterproofing. A thread enables height adjustment from 28 - 68 mm.

As a high-performance alternative to conventional parapet drains, we offer the compact power overflow drain 86 (25 - 58 mm height-adjustable), which is installed in the thermal insulation near the parapet.

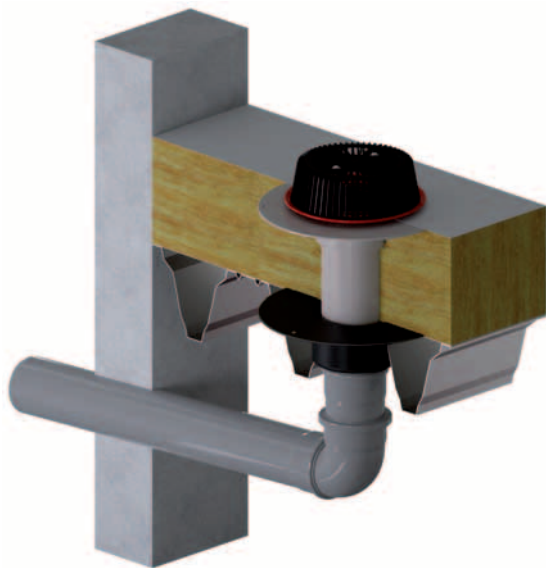
# Overflow drains for gravity drainage

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## Solution 1

### Overflow drainage, free drainage (Speier)

Up to 14.4 l/s!



Installation situation: Overflow drainage unit 86.1 with roof drains 62 and raising pieces 630, for thermal insulation from 50 - 250 mm

## Advantages

- High drainage rates up to 14.4 l/s!
- No breakthrough and no sealing of the parapet
- Time and cost savings thanks to up to 70% fewer overflow drains

## Solution 2

### Overflow drainage via downpipe

Up to 21.5 l/s!



Installation situation: Overflow drainage unit 86.1 with roof drains 62 and raising pieces 630, for thermal insulation from 50 - 250 mm

## Advantages

- High drainage rates up to 21.5 l/s!
- No breakthrough and no sealing of the parapet
- Time and cost savings thanks to up to 70% fewer overflow drains

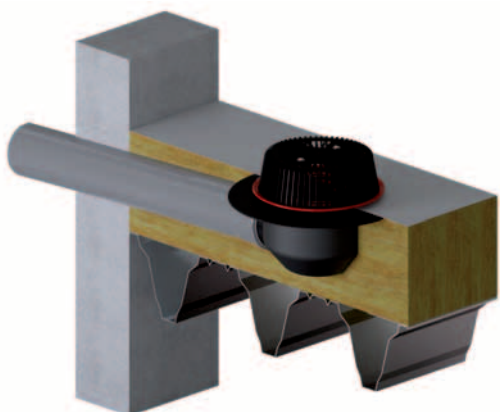
# Overflow drains for gravity drainage

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## Solution 3

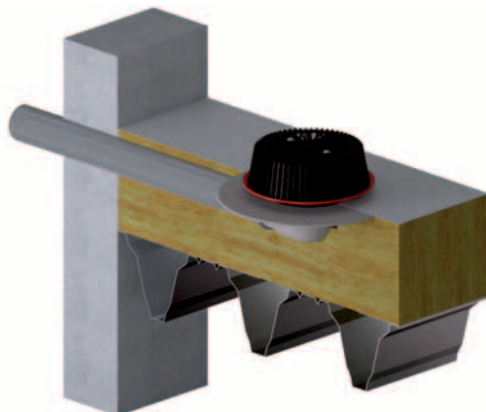
### Overflow drainage via parapet

A)



Installation situation A:  
Overflow drainage unit 86.1 with roof drains 64 for  
thermal insulation from 160 mm

B)



Installation situation B:  
Power overflow drains 86 D, for thermal insulation  
from 120 mm

## Advantages

High drainage rate with free drainage via parapet  
or downpipe



# Overflow drainage for gravity roof drainage

## DALLMER overflow adaptor 86.1

conforming to DIN EN 1253

for gravity drainage, used with type 62, 64 drains or type 630 raising piece

### SPECIFICATION

- height adjustable 28 - 68 mm
- lockable
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

### FLOW RATE IN L/S TESTED TO DIN EN 1253

WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 3 M)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 vertical	1,7 (35 mm)	0,80	3,60	5,90	8,70	12,10	14,80	15,00
DN 100 vertical	4,5 (35 mm)	0,90	3,80	6,40	9,10	12,20	15,80	20,10
DN 125 vertical	7,0 (45 mm)	0,90	3,80	6,20	9,10	12,10	15,70	20,00
DN 150 vertical	8,1 (45 mm)	0,90	3,70	6,50	9,30	12,80	16,50	21,50
DN 70 horizontal	1,7 (35 mm)	0,70	3,90	6,10	8,80	11,10	15,00	17,50
DN 100 horizontal	4,5 (35 mm)	0,90	3,70	6,40	8,90	12,10	15,90	20,10

### FLOW RATE IN L/S TESTED TO DIN EN 1253

WITH WATER LEVEL OVER DRAIN 5 - 65 MM (FREE DRAINAGE)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 vertical	1,7 (35 mm)	0,90	3,20	5,40	5,40	5,50	5,60	5,70
DN 100 vertical	4,5 (35 mm)	0,80	3,20	5,50	8,10	9,60	10,10	10,50
DN 125 vertical	7,0 (45 mm)	1,10	3,70	6,00	8,50	11,60	13,90	14,40
DN 150 vertical	8,1 (45 mm)	0,80	3,20	5,80	8,10	9,20	10,20	11,00
DN 70 horizontal	1,7 (35 mm)	1,20	3,60	5,40	5,60	5,70	5,90	6,00
DN 100 horizontal	4,5 (35 mm)	0,80	3,30	4,10	4,20	4,30	4,40	4,50
DN 70 vert. PVC/FPO	1,7 (35 mm)	1,20	3,60	5,40	5,60	5,80	6,00	6,30
DN 100 vert. PVC/FPO	4,5 (35 mm)	1,10	3,80	6,00	7,00	7,30	7,50	7,70

### ITEM

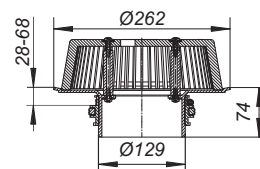
overflow adaptor 86.1

### PART NO.

671394



overflow adaptor 86.1



# Overflow drainage for gravity roof drainage

## DALLMER power overflow drain 86 D DallBit

conforming to DIN EN 1253

flat overflow drain for use in roofs with minimum 120 mm insulation, drain body with factory-fitted collar of 5.0 mm modified bitumen membrane, d: 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- overflow upstand height adjustable 28 - 58 mm
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

FLOW RATE IN L/S TESTED TO DIN EN 1253

WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 3 M)

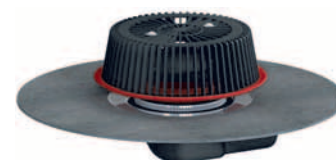
DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	0,7	3,2	7,3	12,0	15,6	16,0	16,0

FLOW RATE IN L/S TESTED TO DIN EN 1253

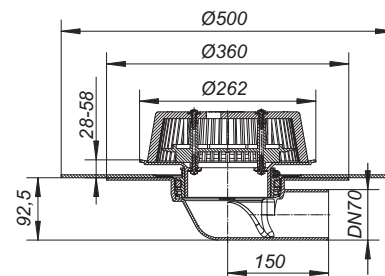
WITH WATER LEVEL OVER DRAIN 5 - 65 MM (FREE DRAINAGE)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	1,0	3,8	3,9	4,1	4,2	4,3	4,5

ITEM	DN	PART NO.
power overflow drain 86 D DallBit	DN 70	671363



power overflow drain 86 D DallBit



## DALLMER power overflow drain 86 D PVC

conforming to DIN EN 1253

flat overflow drain for use in roofs with minimum 120 mm insulation, moulded in PVC, PVC membranes can be welded to the flange

### SPECIFICATION

- overflow upstand height adjustable 28 - 58 mm
- domed grate, secured

### MATERIAL

PVC

FLOW RATE IN L/S TESTED TO DIN EN 1253

WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 3 M)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	0,7	3,2	7,3	12,0	15,6	16,0	16,0

FLOW RATE IN L/S TESTED TO DIN EN 1253

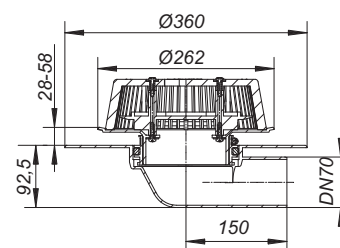
WITH WATER LEVEL OVER DRAIN 5 - 65 MM (FREE DRAINAGE)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	1,0	3,8	3,9	4,1	4,2	4,3	4,5

ITEM	DN	PART NO.
power overflow drain 86 D PVC	DN 70	671370



power overflow drain 86 D PVC



# Overflow drainage for gravity roof drainage

## DALLMER power overflow drain 86 D FPO-PP

conforming to DIN EN 1253  
flat overflow drain for installation into the thermal roof insulation with minimum 120 mm, with extra wide flange for welding FPO-PP membranes directly

### SPECIFICATION

- overflow upstand height adjustable 28 - 58 mm
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

FLOW RATE IN L/S TESTED TO DIN EN 1253  
WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 3 M)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	0,7	3,2	7,3	12,0	15,6	16,0	16,0

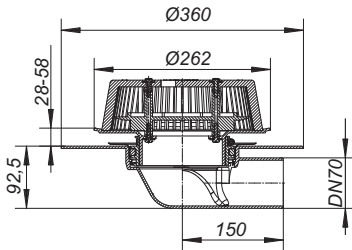
FLOW RATE IN L/S TESTED TO DIN EN 1253  
WITH WATER LEVEL OVER DRAIN 5 - 65 MM (FREE DRAINAGE)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	1,7 (35 mm)	1,0	3,8	3,9	4,1	4,2	4,3	4,5

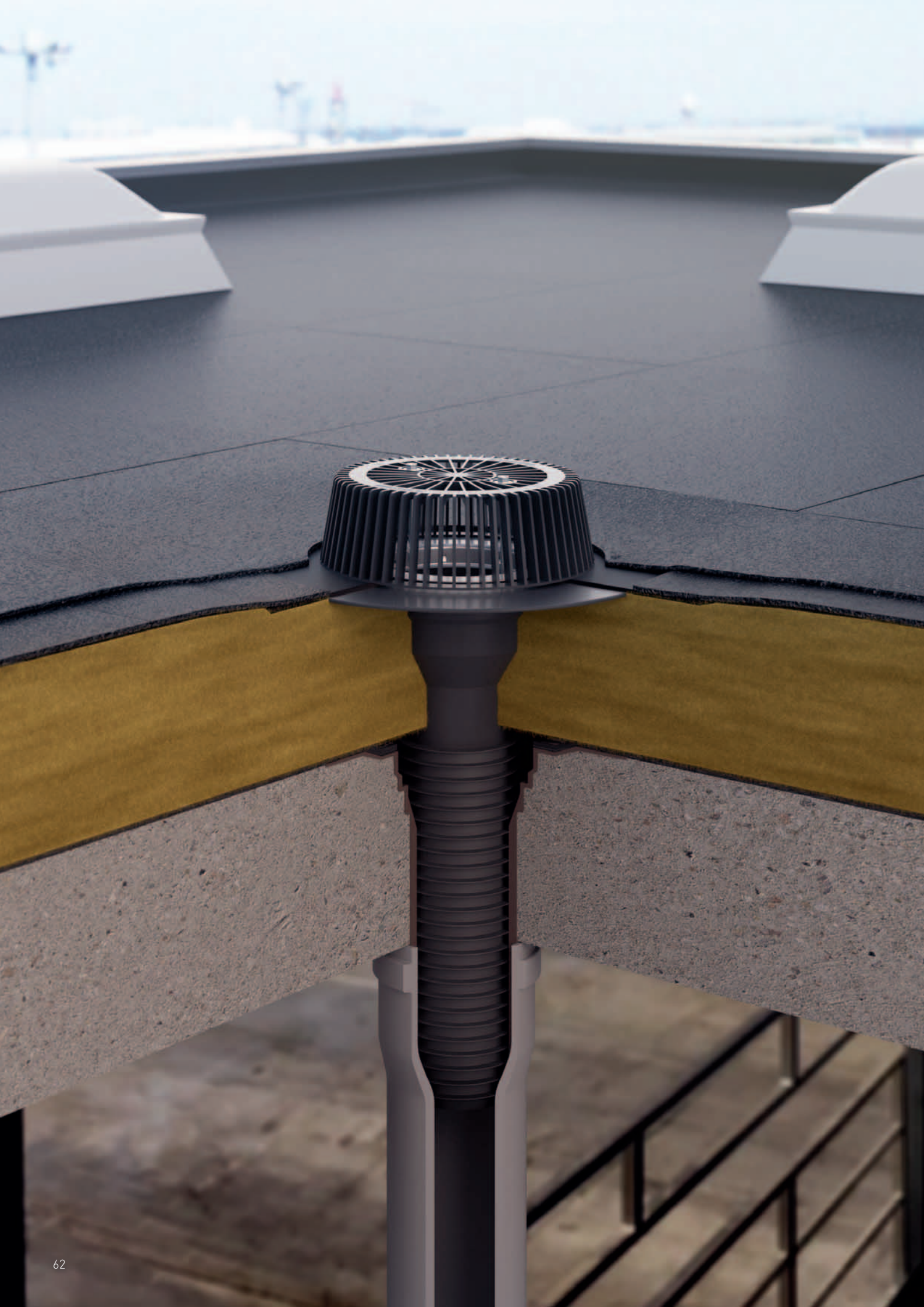
ITEM	DN	PART NO.
power overflow drain 86 D FPO-PP	DN 70	671387



power overflow drain 86 D FPO-PP









## Renova roof drain 63 T

Renovating flat roofs is time-consuming and labour-intensive. Particularly when the old roof drain needs to be removed. The renovation roof drain 63 T from Dallmer offers significant time savings and is a reliable, high-quality and professional solution. How it works: The old drain is left in place and the renova roof drain is simply "inserted" in the outlets of the existing drain. Thanks to the flexible lip seals, the new drain is waterproof and backflow-proof.

The new renova roof drain 63 T is available in the dimensions DN 70 - DN 150. It can be pre-equipped for connections to roof membranes made of bitumen, FPO-PP, PVC or with a loose flange for connection to single-ply membranes.

### Technical information

Drainage rates vary according to drain version and water over grate  
Moulded lip seals DN 70 - DN 150  
Screw-connected domed grate



# Renova roof drains

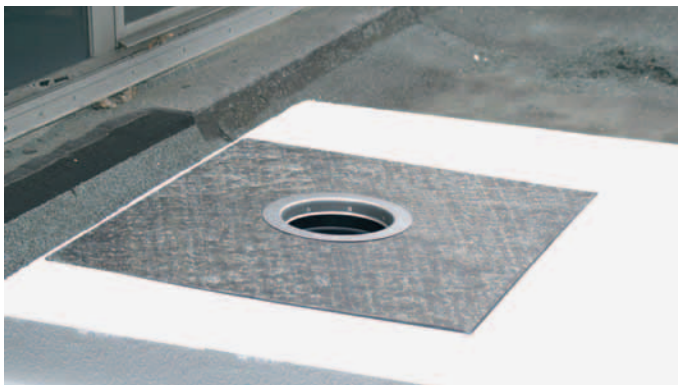
---



## Simple

The old drain is left in place and the new one is simply inserted in the outlets of the existing drain. As a roofer, I only need to know the diameter.

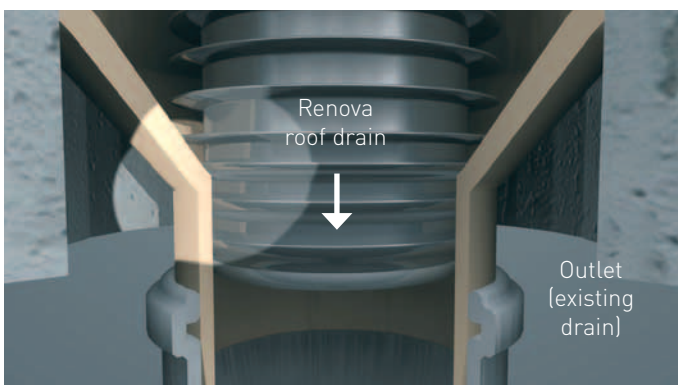
(It is necessary to know the diameter of the old connection nozzle or downpipe)



## Reliable

The flexible lip seals ensure secure anchorage and compensates any unevenness of the old drain. At the same time, the new drain ensures the necessary protection against backflow.

The additional stainless steel flange ring of the 63 T DallBit ensures maximum safety against wind loads and prevents the membrane coming loose from the drain.



## Compatible

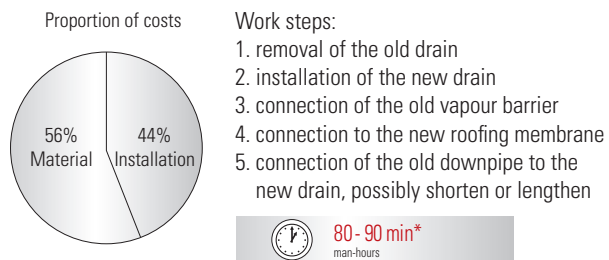
Whether with or without thermal insulation, the renova roof drain 63 T is compatible with all standard outlets.

The housing of the Dallmer renova roof drain 63 T is so compact that it easily fits in almost all old drains. It is ideal for renovation projects where thermal insulation with roof membrane is installed, or just a new roof membrane.

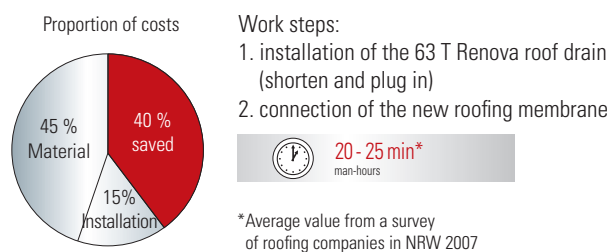
# Renova roof drains

## Comparison

### A. Renovation with replacement of the old drain



### B. Renovation with the 63 T Renova roof drain



## Savings

When using the Dallmer renovation drain, fewer work steps are required than when removing the old roof drain.

Thanks to the shorter installation times, the 63 T Renova roof drain significantly reduces renovation costs.

# Overview renova roof drains

## renova roof drain type 63 T



renova roof drain type 63 T DallBit

Höhe	Dimension	Part no.
345 mm	DN 70 inside	630247
460 mm	DN 100 inside	630261
460 mm	DN 125 inside	630285
345 mm	DN 150 inside	630292*



renova roof drain type 63 T FPO-PP

Höhe	Dimension	Part no.
345 mm	DN 70 inside	630841
460 mm	DN 100 inside	630865
460 mm	DN 125 inside	630889

\* Drain body and domed grating shaped like type 63 T clamp ring



renova roof drain type 63 T clamp ring

Höhe	Dimension	Part no.
345 mm	DN 70 inside	630049
460 mm	DN 100 inside	630063
460 mm	DN 125 inside	630087
345 mm	DN 150 inside	630094



renova roof drain type 63 T PVC

Höhe	Dimension	Part no.
345 mm	DN 70 inside	630346
460 mm	DN 100 inside	630360
460 mm	DN 125 inside	630384
345 mm	DN 150 inside	630391

Dimension	d: pipe	d: outer edge rubber rib	Lip diameter from – to	Dimension	d: min. lip	d: max. lip
DN 70	56 mm	73,5 mm	DN 70	64 mm	73,5 mm	
DN 100	90 mm	108 mm	DN 100	100 mm	108 mm	
DN 125	90 mm	123 mm	DN 125	105 mm	123 mm	
DN 150	125 mm	159 mm	DN 150	145 mm	159 mm	

## renova roof drain type 84

			
renova roof drain type 84 clamp ring		renova roof drain type 84 DallBit	
Dimension	Part no.	Dimension	Part no.
DN 70 innen	831248	DN 70 innen	832245
DN 100 innen	831262	DN 100 innen	832269

# Renova roof drains

## DALLMER renova roof drain type 63 T DallBit

conforming to DIN EN 1253

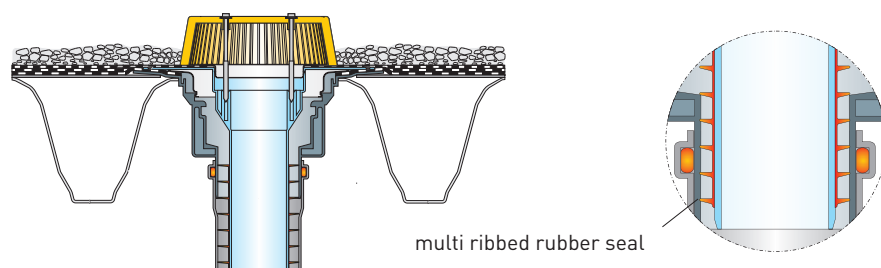
installed by pushing into the bore of pipe, usually without removing the existing roof drain, with factory-fitted collar of 5.0 mm modified bitumen membrane, 500 x 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- multi ribbed seal
- domed grating, secured
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized  
rubber co-moulding



### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,60	2,10	3,50	6,10	9,60	11,80	13,30	13,40
DN 100	4,5 (35 mm)	0,70	2,50	4,60	7,50	10,40	13,50	17,90	22,50
DN 125	7,0 (45 mm)	0,70	2,40	4,20	6,90	9,40	12,60	16,50	20,10
DN 150	8,1 (45 mm)	1,00	4,30	7,40	10,70	15,00	19,00	23,70	29,80

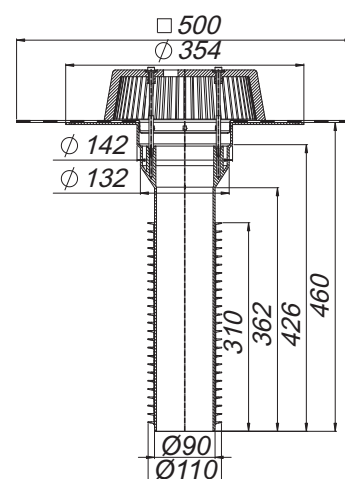
ITEM	HEIGHT	DN	PART NO.
renova roof drain type 63 T DallBit, 345 mm	345 mm	DN 70	630247
renova roof drain type 63 T DallBit, 460 mm	460 mm	DN 100	630261
renova roof drain type 63 T DallBit, 460 mm	460 mm	DN 125	630285
<b>Drain body and domed grating shaped like type 63 T clamp ring:</b>			
renova roof drain type 63 T DallBit, 345 mm	345 mm	DN 150	630292

Renova roof drains 63 T in special lengths 590 mm (DN 70 and DN 150)  
or 800 mm (DN 100 and DN 125) on request!

DN 70 fits B.S. 68 mm, 82 mm version available



renova roof drain type 63 T DallBit





# Renova roof drains

## DALLMER renova roof drain type 63 T FPO-PP

conforming to DIN EN 1253

installed by pushing into the bore of pipe, usually without removing the existing roof drain, with extra wide flange for welding FPO-PP membranes directly

### SPECIFICATION

- multi ribbed seal
- domed grating, secured
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized, rubber co-moulding

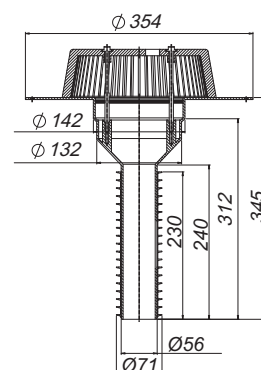
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,60	2,10	3,50	6,10	9,60	11,80	13,30	13,40
DN 100	4,5 (35 mm)	0,70	2,50	4,60	7,50	10,40	13,50	17,90	22,50
DN 125	7,0 (45 mm)	0,70	2,40	4,20	6,90	9,40	12,60	16,50	20,10

ITEM	DN	PART NO.
renova roof drain type 63 T FPO-PP, 345 mm	DN 70	630841
renova roof drain type 63 T FPO-PP, 460 mm	DN 100	630865
renova roof drain type 63 T FPO-PP, 460 mm	DN 125	630889



renova roof drain type 63 T FPO-PP



## DALLMER renova roof drain type 63 T clamp ring

conforming to DIN EN 1253

installed by pushing into the bore of pipe, usually without removing the existing roof drain, with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- multi ribbed seal
- domed grating
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized, rubber co-moulding

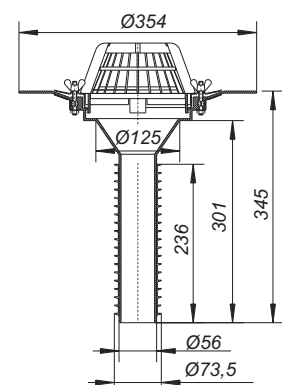
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,80	3,60	6,80	9,70	12,90	13,30	13,50	13,60
DN 100	4,5 (35 mm)	0,90	3,90	6,90	9,60	12,50	15,50	17,50	22,30
DN 125	7,0 (45 mm)	0,90	4,30	7,50	10,90	14,20	18,50	23,00	24,30
DN 150	8,1 (45 mm)	1,00	4,30	7,40	10,70	15,00	19,00	23,70	29,80

ITEM	DN	PART NO.
renova roof drain type 63 T clamp ring, 345 mm	DN 70	630049
renova roof drain type 63 T clamp ring, 460 mm	DN 100	630063
renova roof drain type 63 T clamp ring, 460 mm	DN 125	630087
renova roof drain type 63 T clamp ring, 345 mm	DN 150	630094



renova roof drain type 63 T clamp ring



Renova roof drains 63 T in special lengths 590 mm (DN 70 and DN 150)

or 800 mm (DN 100 and DN 125) on request!

DN 70 fits B.S. 68 mm, 82 mm version available

# Renova roof drains

## DALLMER renova roof drain type 63 T PVC

conforming to DIN EN 1253

installed by pushing into the bore of pipe, usually without removing the existing roof drain, with PVC flange for welding single-ply PVC membranes

### SPECIFICATION

- multi ribbed seal
- domed grating
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized, rubber co-moulding

### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,80	2,70	4,90	7,90	11,00	13,30	13,50	13,60
DN 100	4,5 (35 mm)	0,80	2,80	5,10	8,10	11,70	15,50	19,00	23,90
DN 125	7,0 (45 mm)	0,80	2,80	5,20	8,30	11,80	15,50	19,50	24,00
DN 150	8,1 (45 mm)	0,80	2,50	5,00	8,00	11,30	14,80	18,90	23,70

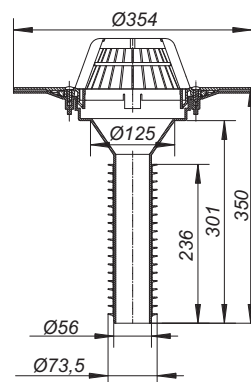
ITEM	DN	PART NO.
renova roof drain type 63 T PVC, 345 mm	DN 70	630346
renova roof drain type 63 T PCV, 460 mm	DN 100	630360
renova roof drain type 63 T PVC, 460 mm	DN 125	630384
renova roof drain type 63 T PVC, 345 mm	DN 150	630391

Renova roof drains 63 T in special lengths 590 mm (DN 70 and DN 150)  
or 800 mm (DN 100 and DN 125) on request!

DN 70 fits B.S. 68 mm, 82 mm version available



renova roof drain type 63 T PVC



# Renova roof drains

## DALLMER renova roof drain type 84 clamp ring

conforming to DIN EN 1253

installed by pushing into the bore of pipe, usually without removing the existing roof drain, with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- multi ribbed seal
- domed grating
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized  
rubber co-moulding

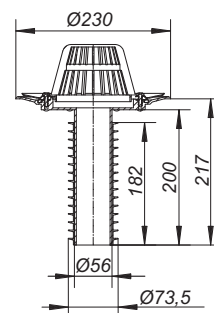
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,50	2,10	3,60	4,90	6,40	8,60	11,40	11,80
DN 100	4,5 (35 mm)	0,50	2,60	4,60	6,20	7,80	10,50	14,20	17,30

ITEM	DN	PART NO.
renova roof drain type 84 clamp ring	DN 70	831248
renova roof drain type 84 clamp ring	DN 100	831262



renova roof drain type 84 clamp ring



## DALLMER renova roof drain type 84 DallBit

conforming to DIN EN 1253

installed by pushing into the bore of pipe, usually without removing the existing roof drain, with factory-fitted collar of 5.0 mm modified bitumen membrane, d: 420 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- multi ribbed seal
- domed grating
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized  
rubber co-moulding

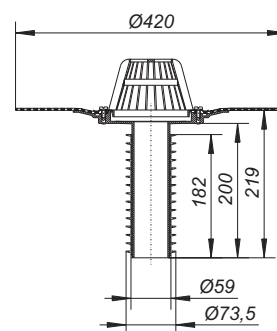
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	1,7 (35 mm)	0,50	2,10	3,60	4,90	6,40	8,60	11,40	11,80
DN 100	4,5 (35 mm)	0,50	2,60	4,60	6,20	7,80	10,50	14,20	17,30

ITEM	DN	PART NO.
renova roof drain type 84 DallBit	DN 70	832245
renova roof drain type 84 DallBit	DN 100	832269



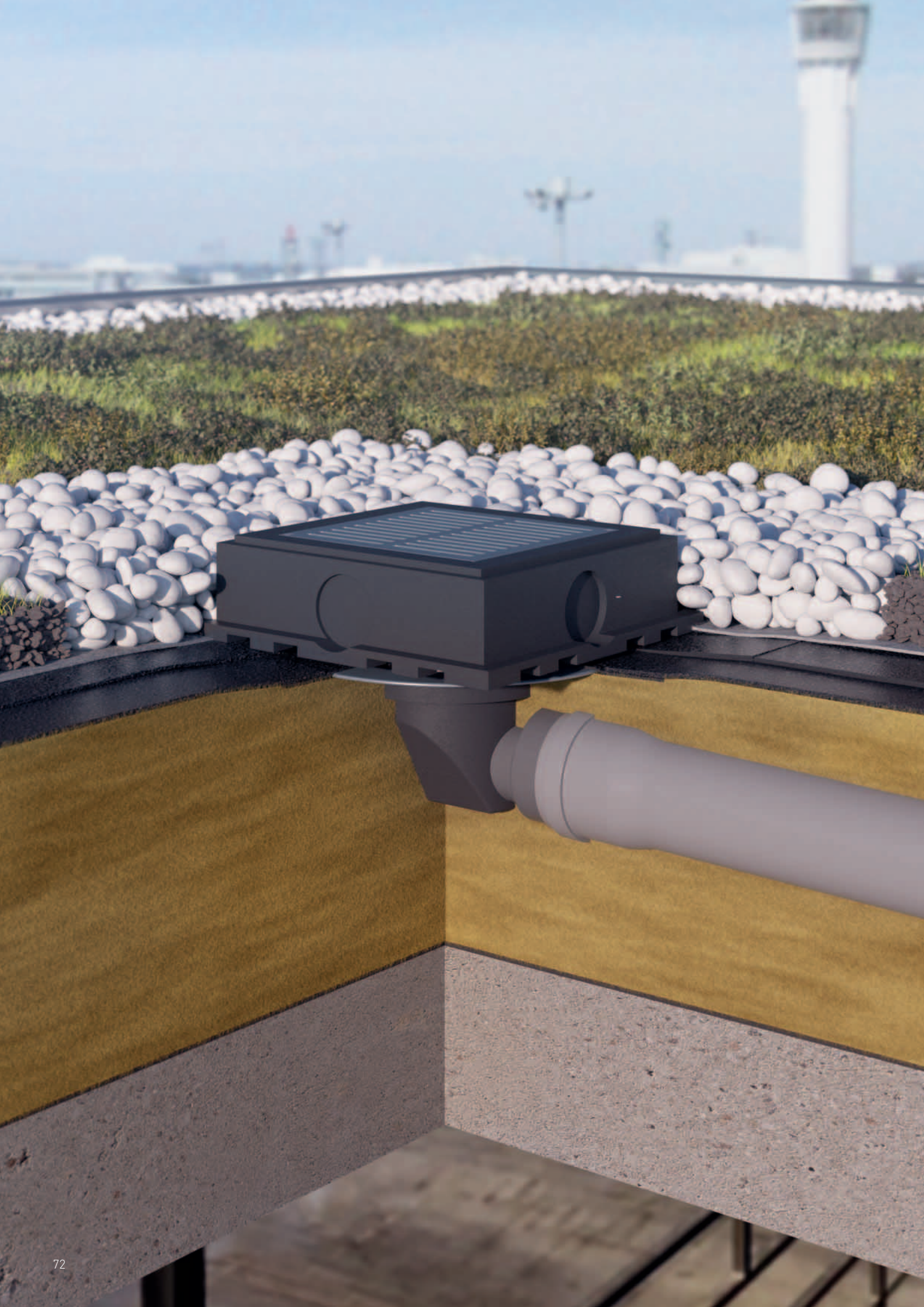
renova roof drain type 84 DallBit



DN 70 fits B.S. 68 mm, 82 mm version available









## Drainage grating for green roofs

Green roofs are a very special kind of flat roof, whereby a distinction is made between "extensive greening" and "intensive greening". Extensive greening is achieved with easy-care, low-growing groundcover, such as herbs, moss, grasses and different kinds of sedum. Intensive greening involves a greater variety of plants: perennials, shrubs, flowers, sometimes even small trees. The only limiting factor is the stability of the roof structure. Roofs with a load capacity of up to 150 kg can generally only support extensive greening, but a roof with a load capacity of approx. 500 kg enables intensive greening.

### Technical specifications

Four connection options for drainage pipes  
Optional height increase of 93 mm using raising piece



Green roofs make a key contribution towards handling the accumulating volumes of rainfall. Because our world is being increasingly paved over – this includes roads, built-up areas, even tunnels, which lead to the underground sealing of surfaces – there are fewer and fewer areas where the rainwater can naturally seep into the ground. This interrupts the natural water cycle, whereas green areas enable the natural evaporation and seepage of the water. Depending on the region and the vegetation, green roofs can absorb 30 - 90% of the rainfall. This also relieves the load on the public sewer system, which generally struggles to handle heavy rainfall. But green roofs offer many other advantage as they also ...

- serve as a substitute garden
- regulate the interior climate
- absorb fine dust particles, thus improving the air quality
- help mitigate the urban heat island effect

# Gratings for “green roofs” and balconies

## DALLMER planter drain box

for „green” roofs, with four connectors for drainage pipes

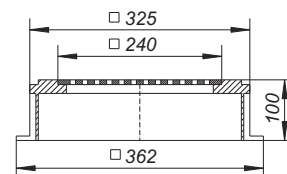
### MATERIAL

frame polyurethane, 362 x 362 mm, height 100 mm  
grate cast aluminium, 240 x 240 mm

ITEM	DIMENSION	PART NO.
planter drain box	362 x 362 mm	620958



planter drain box



## DALLMER planter raising piece

for „green” roofs, extension for planter drain box, without grate, with four connectors for drainage pipes

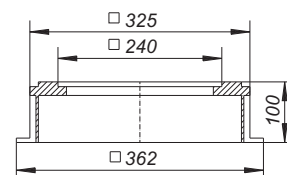
### MATERIAL

polyurethane, 362 x 362 mm, effective height 93 mm

ITEM	DIMENSION	PART NO.
planter raising piece	362 x 362 mm	620965



planter raising piece



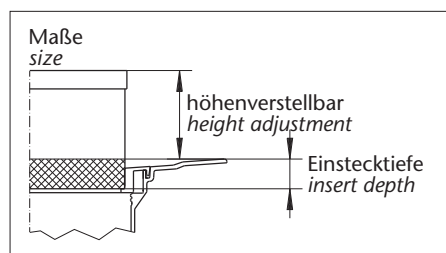
## DALLMER balcony grating

used with roof drain types 62, 64 and raising piece types 630

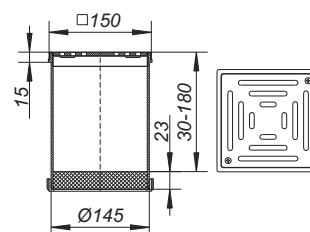
### MATERIAL

polypropylene

- **balcony grating SES 15**  
frame 304 stainless steel, grate 5 mm 316L stainless steel, secured, load class L 15 (1.5 t)
- **balcony grating SEN 15**  
frame 304 stainless steel, grate 304 stainless steel, secured, load class K 3 (300 kg)
- **balcony grating GES 15**  
frame polypropylene, grate 5 mm 316L stainless steel, secured, load class L 15 (1.5 t)



balcony grating SES 15



ITEM	DIMENSION	PART NO.
balcony grating SES 15	150 x 150 mm	500304
balcony grating SEN 15	150 x 150 mm	500311
balcony grating GES 15	200 x 200 mm	500328

We can supply a wide variety of gratings for use on balconies.  
Please tell us what you need and we can advise the correct type.

# Accessories for gravity roof drainage

## DALLMER waterproofing collar type 65

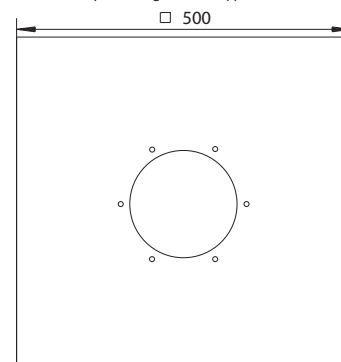
cut from single-ply membrane material, used with suitable roof drain types 62, 64, renova roof drain 63 T as well as type 630 raising pieces

ITEM	DIMENSION	PART NO.
waterproofing collar type 65, PVC	500 x 500 mm	790217
waterproofing collar type 65, EPDM	500 x 500 mm	790224
waterproofing collar type 65, rhepanol	500 x 500 mm	790149

Other material on request.



waterproofing collar type 65, PVC



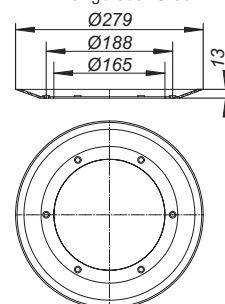
## DALLMER flange seal S 65

spare part used with waterproofing collar type 65 rhepanol as well as roof drains 62, 63 T, 64 and raising piece types 630 with clamp ring

ITEM	PART NO.
flange seal S 65	659958



flange seal S 65



## DALLMER domed grating/gravel guard type S 15

used with roof drain types 62 and 64, renova roof drain types 63 T clamp ring and 63 T PVC, renova roof drain type 63 T DallBit (DN 150) and raising pieces type 630

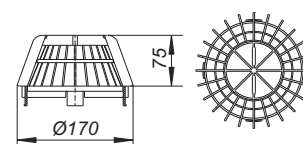
### MATERIAL

polypropylene, UV-stabilized

ITEM	DIMENSION	PART NO.
domed grating/gravel guard S 15	d: 170 mm	620996



domed grating/gravel guard S 15



## DALLMER domed grating/gravel guard type 63 T

used with roof drains SuperDrain and Renova Drain type 63 ?T ?DallBit and FPO, DN? 70 - DN ?125 with securing screws 304 stainless steel

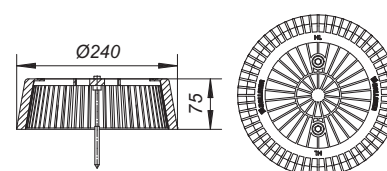
### MATERIAL

polypropylene, UV-stabilized

ITEM	DIMENSION	PART NO.
domed grating/gravel guard type 63 T	d: 237 mm	620866



domed grating/gravel guard type 63 T



# Accessories for gravity roof drainage

**DALLMER domed grating/gravel guard type S 15, stainless steel**  
used with roof drain types 62 and 64 as well as raising piece types 630

## MATERIAL

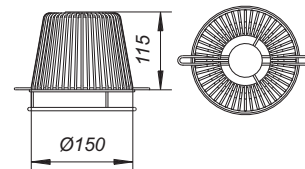
304 stainless steel

ITEM	DIMENSION	PART NO.
domed grating/gravel guard type S 15, stainless steel	d: 150 mm	620934

Required for use with roof drains 62 with fire installation kit!



domed grating/gravel guard type S 15



**DALLMER perforated collar/gravel guard S 15**

used with roof drain types 62 and 64 as well as type 630 raising piece in combination with balcony gratings SES 15, SEN 15 or GES 20

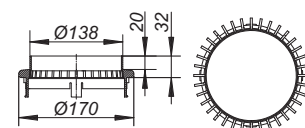
## MATERIAL

polypropylene, UV-stabilized

ITEM	DIMENSION	PART NO.
perforated collar/gravel guard S 15	d: 170 mm	590121



perforated collar/gravel guard S 15



**DALLMER perforated collar**

used with roof drain types 62, 64 and raising pieces type 630

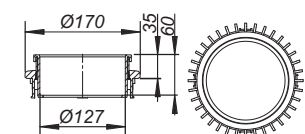
## MATERIAL

polypropylene, UV-stabilized

ITEM	DIMENSION	PART NO.
perforated collar	d: 170 mm	495938



perforated collar



**DALLMER flat grate S 15**

used with roof drain types 62, 64 and raising pieces type 630

**Only for temporary use during the construction period!**

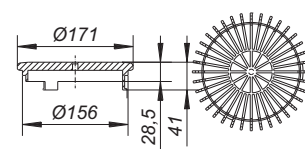
## MATERIAL

polypropylene, UV-stabilized

ITEM	DIMENSION	PART NO.
flat grate S 15	d: 170 mm	590183



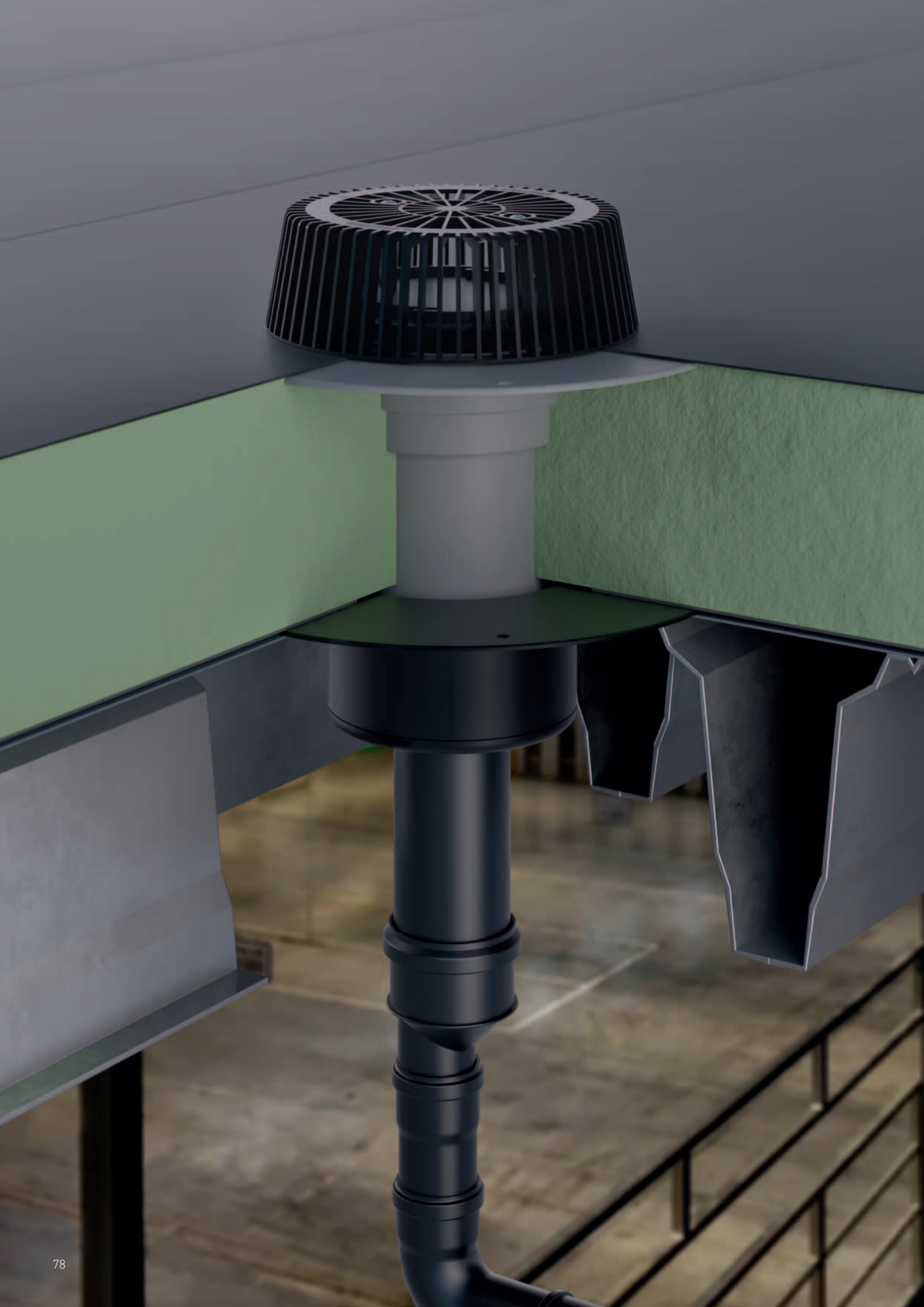
flat grate S 15



Suitable for use in raised paved areas!







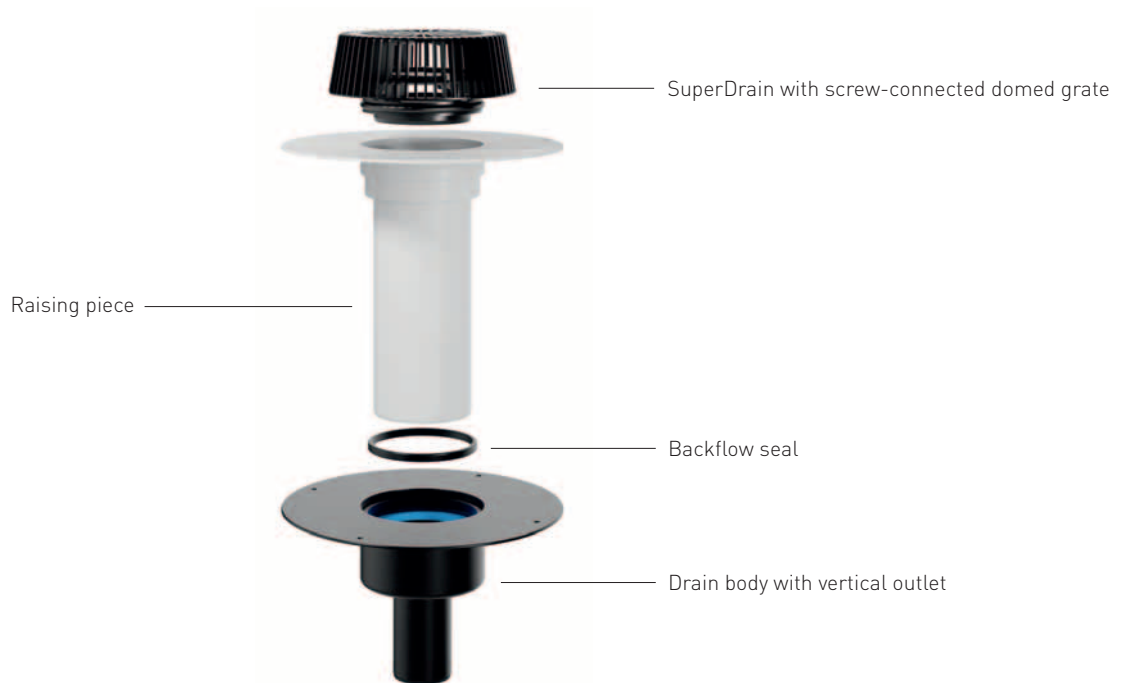
## Siphonic roof drainage SuperDrain

Roof drainage (including overflow drainage) with siphonic drainage offer significant advantages compared to gravity drainage. A key feature of siphonic roof drainage systems is that they are designed to flow full and the geodesic pressure altitude between the roof drain and the transition to the gravity drainage is deployed to compensate any flow losses. The technology of this type of system allows the use of smaller diameter pipework, the laying of the pipes underneath the roof without the need for a slope and less need for groundworks. This saves time and material.

SuperDrain roof drains are available in a range of versions for connection to single-ply roof membranes, asphalt sheeting and PVC/FPO-PP/PE-based roof membranes, as well as versions with lateral outlets.

### Technical information

Drainage rates vary according to drain version, connection type and water over grate  
With or without thermal insulation  
Can be combined with fire and sound insulating structural elements



### Advantages

- Fewer downpipes allow greater flexibility in the use of building spaces
- Pipes are laid horizontally underneath the roof without the need for a slope and at a uniform height through beams and supports
- Significantly lower costs for pipework thanks to considerably smaller diameter pipework
- Less civil engineering work as less groundworks required

# Overview SuperDrain siphonic/overflow roof drainage

## roof drain SuperDrain 62

for siphonic drainage, insulated  
roof drains for installation with  
or without thermal insulation





H = heated version

			
roof drain SuperDrain 62 clamp ring	roof drain SuperDrain 62 DallBit	roof drain SuperDrain 62 PVC	roof drain SuperDrain 62 FPO
Dimension DN 70	Part no. 671233	Dimension DN 70	Part no. 671257
Dimension DN 70	Part no. 671479	Dimension DN 70	Part no. 671103
Dimension DN 90	Part no. 671509	Dimension DN 70	Part no. 671103
Dimension DN 90	Part no. 671509	Dimension DN 90	Part no. 671516
roof drain SuperDrain 62 H clamp ring	roof drain SuperDrain 62 H DallBit	roof drain SuperDrain 62 H PVC	roof drain SuperDrain 62 H < FPO
Dimension DN 70	Part no. 671240	Dimension DN 70	Part no. 671134
Dimension DN 70	Part no. 671264	Dimension DN 70	Part no. 671134
Dimension DN 90	Part no. 671516	Dimension DN 90	Part no. 671516

## overflow drain SuperDrain 62

for siphonic drainage, insulated  
roof drains for installation with  
or without thermal insulation

H = heated version

			
overflow drain SuperDrain 62 clamp ring	overflow drain SuperDrain 62 DallBit	overflow drain SuperDrain 62 PVC	overflow drain SuperDrain 62 FPO
Dimension DN 70	Part no. 671608	Dimension DN 70	Part no. 671585
Dimension DN 70	Part no. 671561	Dimension DN 70	Part no. 671523
Dimension DN 90	Part no. 671530	Dimension DN 90	Part no. 671530
overflow drain SuperDrain 62 H clamp ring	overflow drain SuperDrain 62 H DallBit	overflow drain SuperDrain 62 H PVC	overflow drain SuperDrain 62 H FPO
Dimension DN 70	Part no. 671615	Dimension DN 70	Part no. 671578
Dimension DN 70	Part no. 671592	Dimension DN 70	Part no. 671578
Dimension DN 90	Part no. 671554	Dimension DN 90	Part no. 671554

## roof drain SuperDrain 64

for siphonic drainage, insulated  
roof drains for installation with  
or without thermal insulation


H = heated version

			
roof drain SuperDrain 64 clamp ring	roof drain SuperDrain 64 DallBit	roof drain SuperDrain 64 PVC	roof drain SuperDrain 64 FPO
Dimension DN 70	Part no. 671486	Dimension DN 70	Part no. 671189
Dimension DN 70	Part no. 671165	Dimension DN 70	Part no. 671189
Dimension DN 70	Part no. 671202	Dimension DN 70	Part no. 671202
roof drain SuperDrain 64 H clamp ring	roof drain SuperDrain 64 H DallBit	roof drain SuperDrain 64 H PVC	roof drain SuperDrain 64 H FPO
Dimension DN 70	Part no. 671493	Dimension DN 70	Part no. 671196
Dimension DN 70	Part no. 671172	Dimension DN 70	Part no. 671196
Dimension DN 70	Part no. 671219	Dimension DN 70	Part no. 671219

## overflow drain SuperDrain 64

for siphonic drainage, insulated  
roof drains for installation with  
or without thermal insulation

H = heated version

			
overflow drain SuperDrain 64 clamp ring	overflow drain SuperDrain 64 DallBit	overflow drain SuperDrain 64 PVC	overflow drain SuperDrain 64 FPO
Dimension DN 70	Part no. 671684	Dimension DN 70	Part no. 671660
Dimension DN 70	Part no. 71660	Dimension DN 70	Part no. 671646
Dimension DN 70	Part no. 671622	Dimension DN 70	Part no. 671622
overflow drain SuperDrain 64 H clamp ring	overflow drain SuperDrain 64 H DallBit	overflow drain SuperDrain 64 H PVC	overflow drain SuperDrain 64 H FPO
Dimension DN 70	Part no. 671691	Dimension DN 70	Part no. 671653
Dimension DN 70	Part no. 671677	Dimension DN 70	Part no. 671653
Dimension DN 70	Part no. 671639	Dimension DN 70	Part no. 671639

type clamp ring: stainless steel clamp ring to secure all single-ply membranes, type DallBit: drain body with factory-fitted collar of 5.0 mm modified bitumen membrane, welded to the flange and clamped with a stainless steel clamp ring, type PVC: one-piece drain, moulded in PVC, PVC membranes can be welded to the flange, type FPO-PP: extra wide flange for welding FPO-PP membranes directly, type FPO-PE: extra wide flange for welding FPO-PE membranes directly  
H = roof drain heated version: Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

# Overview SuperDrain siphonic/overflow roof drainage

## Raising piece type 630

for roof construction with thermal insulation



Raising piece type 630 clamp ring  
Part no. 621580



Raising piece type 630 DallBit  
Part no. 622587



Raising piece type 630 PVC  
Part no. 623584



Raising piece type 630 FPO-PE  
Part no. 621573



Raising piece type 630 FPO-PP  
Part no. 671226

## Power overflow drain type 86 D

Overflow drain  
(Siphonic drainage  
conforming to EN 1253  
≥ 4,20 m downpipe)



Power-overflow drain 86 D DallBit  
Dimension                      Part no.  
DN 70                              671363



Power-overflow drain 86 D PVC  
Dimension                      Part no.  
DN 70                              671370



Power-overflow drain 86 D FPO-PP  
Dimension                      Part no.  
DN 70                              671387

## Fire-protection

for installation with  
or without thermal insulation



fire-protection kit 8 for profiled steel  
roof deck  
Dimension                      Part no.  
DN 70                              515131



fire-protection kit 9 for profiled steel  
roof deck  
Dimension                      Part no.  
DN 90/100                      515148

type clamp ring: stainless steel clamp ring to secure all single-ply membranes, type DallBit: drain body with factory-fitted collar of 5.0 mm modified bitumen membrane, welded to the flange and clamped with a stainless steel clamp ring, type PVC: one-piece drain, moulded in PVC, PVC membranes can be welded to the flange, type FPO-PE: extra wide flange for welding FPO-PE membranes directly, type FPO-PP: extra wide flange for welding FPO-PP membranes directly

# SuperDrain siphonic roof drainage

## DALLMER roof drain SuperDrain type 62 clamp ring

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- outlet vertical
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

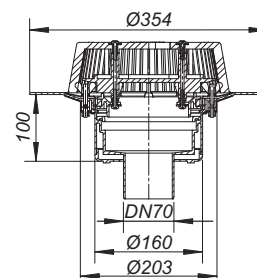
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	12,0 (55 mm)	0,60	2,50	5,00	10,60	16,80	17,40	17,40	17,40

ITEM	DN	PART NO.
roof drain SuperDrain type 62 clamp ring	DN 70	671233
roof drain SuperDrain type 62 H clamp ring, heated	DN 70	671240



roof drain SuperDrain type 62 clamp ring



recess size: 265 x 320 mm  
core drill: d: 265 mm

## DALLMER roof drain SuperDrain type 62 DallBit

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with factory-fitted collar of 5.0 mm modified bitumen membrane, 500 x 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- outlet vertical
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

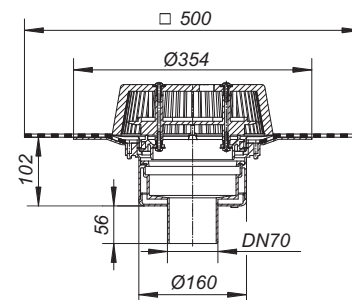
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	12,0 (55 mm)	0,60	2,50	5,00	10,60	16,80	17,40	17,40	17,40

ITEM	DN	PART NO.
roof drain SuperDrain type 62 DallBit	DN 70	671257
roof drain SuperDrain type 62 H DallBit, heated	DN 70	671264



roof drain SuperDrain type 62 DallBit



recess size: 265 x 320 mm  
core drill: d: 265 mm

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps



# SuperDrain siphonic roof drainage

## DALLMER roof drain SuperDrain type 62 PVC

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, moulded in PVC,  
PVC membranes can be welded to the flange

### SPECIFICATION



- SuperDrain-insert
- insulated drain body
- outlet vertical
- domed grate, secured

### MATERIAL

PVC

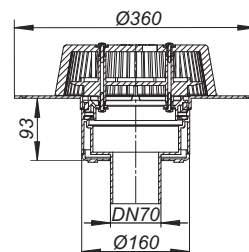
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	12,0 (55 mm)	0,70	2,45	4,85	10,95	16,75	17,40	17,40	17,40

ITEM	DN	PART NO.
 roof drain SuperDrain type 62 PVC	DN 70	671479
 roof drain SuperDrain type 62 H PVC	DN 70	671134



roof drain SuperDrain type 62 PVC



recess size: 170 x 320 mm  
core drill: d: 170 mm

## DALLMER roof drain SuperDrain type 62 FPO-PP

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with extra wide flange  
for welding FPO-PP membranes directly or fixing PE vapour barriers

### SPECIFICATION





- SuperDrain-insert
- insulated drain body
- outlet vertical
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

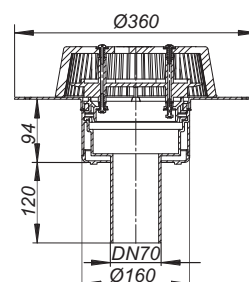
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	12,0 (55 mm)	0,70	2,45	4,85	10,95	16,75	17,40	17,40	17,40
DN 90	18,0 (55 mm)	0,80	2,40	4,30	10,40	16,30	22,30	22,30	22,30

ITEM	DN	PART NO.
 roof drain SuperDrain type 62 FPO-PP	DN 70	671103
 roof drain SuperDrain type 62 FPO-PP	DN 90	671509
 roof drain SuperDrain type 62 H FPO-PP, heated	DN 70	671462
 roof drain SuperDrain type 62 H FPO-PP, heated	DN 90	671516



roof drain SuperDrain type 62 FPO-PP



recess size: 170 x 320 mm  
core drill: d: 170 mm

 R 30 - 120 option available.

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps

# SuperDrain siphonic roof drainage

## DALLMER roof drain SuperDrain type 64 clamp ring

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- side outlet DN 70, 3 degrees fall
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

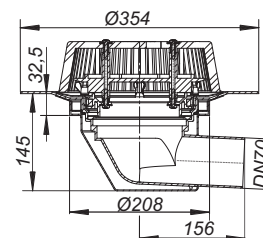
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	12,0 (55 mm)	0,60	2,10	4,40	9,90	16,25	18,70	18,70	18,70

ITEM	DN	PART NO.
roof drain SuperDrain type 64 clamp ring	DN 70	671486
roof drain SuperDrain type 64 H clamp ring, heated	DN 70	671493



roof drain SuperDrain type 64 clamp ring



recess size: 265 x 320 mm

## DALLMER roof drain SuperDrain type 64 DallBit

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with factory-fitted collar of 5.0 mm modified bitumen membrane, 500 x 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- side outlet DN 70, 3 degrees fall
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

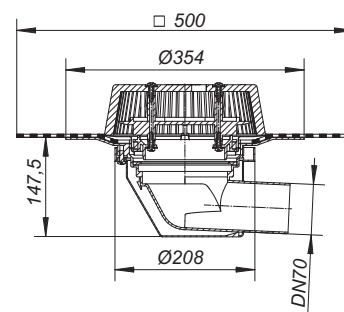
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	12,0 (55 mm)	0,60	2,10	4,40	9,90	16,25	18,70	18,70	18,70

ITEM	DN	PART NO.
roof drain SuperDrain type 64 DallBit	DN 70	671165
roof drain SuperDrain type 64 H DallBit, heated	DN 70	671172



roof drain SuperDrain type 64 DallBit



recess size: 265 x 320 mm

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps

# SuperDrain siphonic roof drainage

## DALLMER roof drain SuperDrain type 64 PVC

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, moulded in PVC,  
PVC membranes can be welded to the flange

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- side outlet DN 70, 3 degrees fall
- domed grate, secured

### MATERIAL

PVC

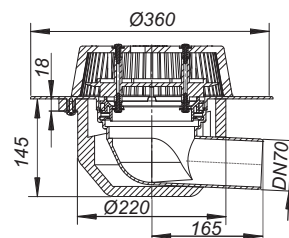
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	12,0 (55 mm)	0,45	1,85	3,90	9,15	15,80	18,40	18,40	18,40

ITEM	DN	PART NO.
roof drain SuperDrain type 64 PVC	DN 70	671189
roof drain SuperDrain type 64 H PVC, heated	DN 70	671196



roof drain SuperDrain type 64 PVC



recess size: 240 x 320 mm

## DALLMER roof drain SuperDrain type 64 FPO-PP

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with extra wide flange  
for welding FPO-PP membranes directly or fixing PE vapour barriers

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- side outlet DN 70, 3 degrees fall
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

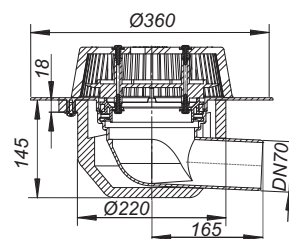
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 70	12,0 (55 mm)	0,45	1,85	3,90	9,15	15,80	18,40	18,40	18,40

ITEM	DN	PART NO.
roof drain SuperDrain type 64 FPO-PP	DN 70	671202
roof drain SuperDrain type 64 H FPO-PP, heated	DN 70	671219



roof drain SuperDrain type 64 FPO-PP



recess size: 240 x 320 mm

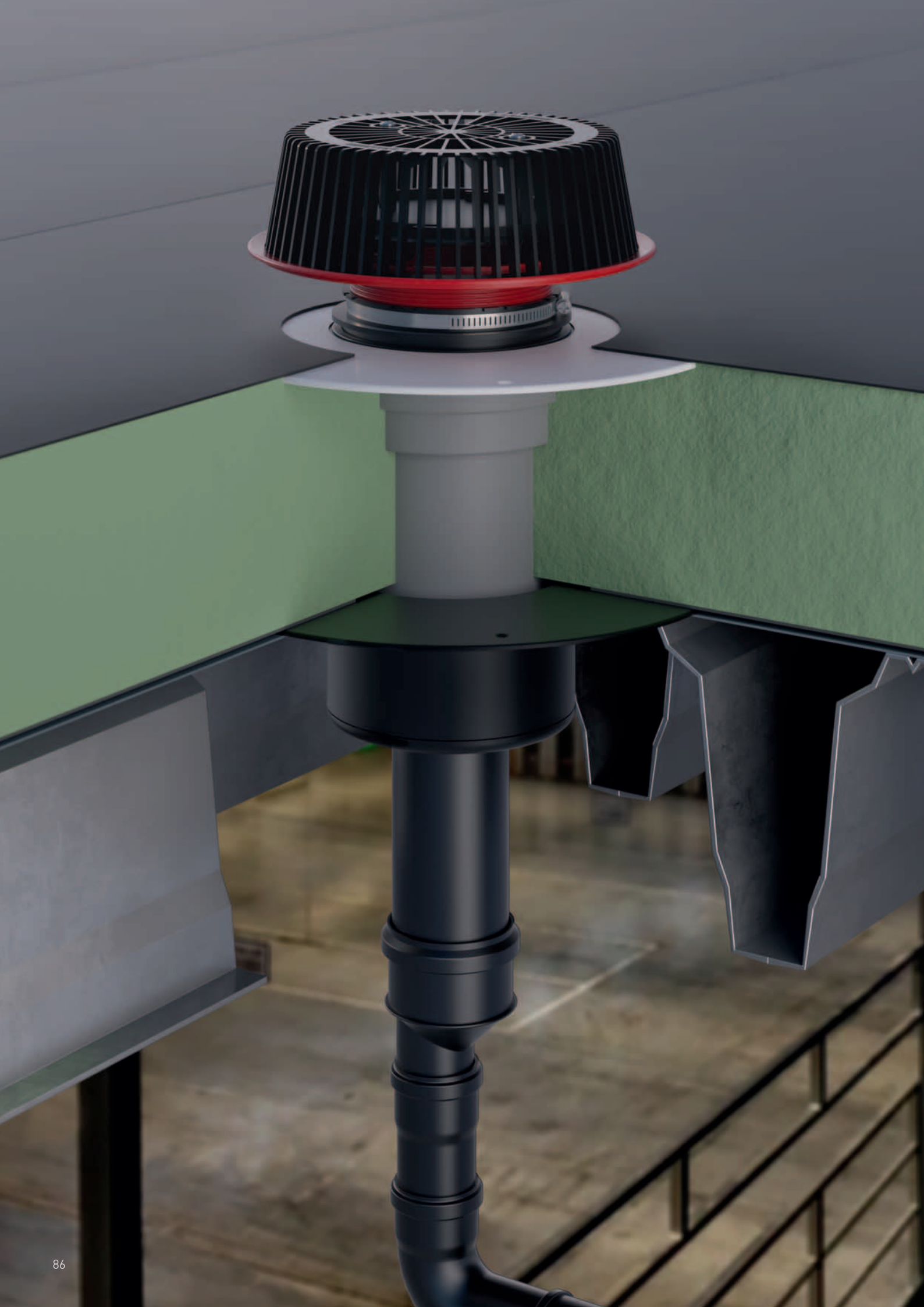
H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps



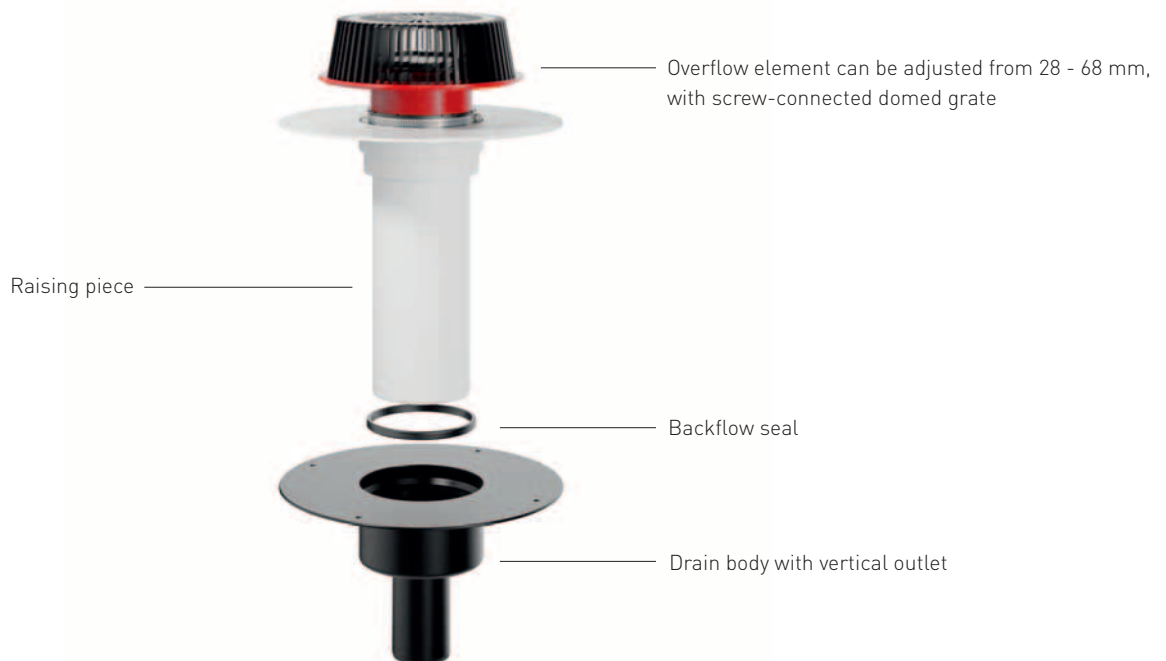
## Siphonic overflow drainage SuperDrain

DIN 1986-100 requires object-specific proof of the controlled functionality of the rainwater drainage system, as well as for the reference design rainfall intensity (r5.5) and for the reference rainfall for the 100-year rainfall (r5.100). The SuperDrain overflow drains provide all the advantages of roof drainage with siphonic drainage for overflow drainage. The overflow drainage occurs via the downpipe from which the water can drain freely onto the land. SuperDrain overflow drains are instantly identifiable as a separate system by their signal red colour.

SuperDrain overflow drains are available in a range of versions for connection to single-ply roof membranes, asphalt sheeting and PVC/FPO-PP/PE-based roof membranes, as well as versions with lateral outlets.

### Technical information

Drainage rates vary according to drain version, connection type and water over grate  
With or without thermal insulation  
Can be combined with fire and sound insulating structural elements



### Advantages

- Fewer downpipes allow greater flexibility in the use of building spaces
- Pipes are laid horizontally underneath the roof without the need for a slope and at a uniform height through beams and supports
- Significantly lower costs for pipework thanks to considerably smaller diameter pipework
- Less civil engineering work as less groundworks required
- Cost-effective overflow drainage, particularly in the case of flat roofs inside the building



# SuperDrain siphonic overflow roof drainage

## DALLMER overflow drain SuperDrain type 62 clamp ring

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- outlet vertical
- overflow upstand height adjustable 28 - 68 mm
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

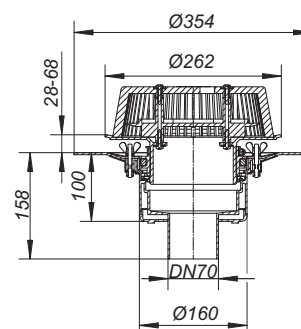
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70	12,0 (55 mm)	0,70	3,40	6,70	11,20	17,30	17,40	17,40

ITEM	DN	PART NO.
overflow drain SuperDrain type 62 clamp ring	DN 70	671608
overflow drain SuperDrain type 62 H clamp ring, heated	DN 70	671615



overflow drain SuperDrain type 62 clamp ring



recess size: 265 x 320 mm  
core drill: d: 265 mm

## DALLMER overflow drain SuperDrain type 62 DallBit

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with factory-fitted collar of 5.0 mm modified bitumen membrane, 500 x 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- outlet vertical
- overflow upstand height adjustable 28 - 68 mm
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

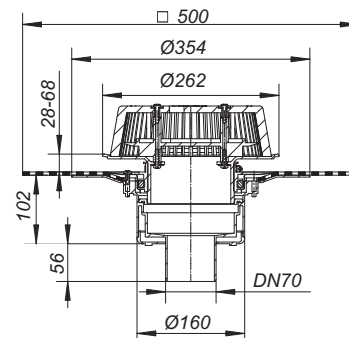
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70	12,0 (55 mm)	0,70	3,40	6,70	11,20	17,30	17,40	17,40

ITEM	DN	PART NO.
overflow drain SuperDrain 62 DallBit	DN 70	671585
overflow drain SuperDrain type 62 H DallBit, heated	DN 70	671592



overflow drain SuperDrain 62 DallBit



recess size: 265 x 320 mm  
core drill: d: 265 mm

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps

# SuperDrain siphonic overflow roof drainage

## DALLMER overflow drain SuperDrain type 62 PVC

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, moulded in PVC,  
PVC membranes can be welded to the flange

### SPECIFICATION



- SuperDrain-insert
- insulated drain body
- outlet vertical
- overflow upstand height adjustable 28 - 68 mm
- domed grate, secured

### MATERIAL

PVC

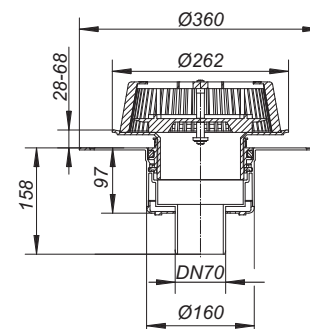
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70	12,0 (55 mm)	0,70	3,40	6,60	11,10	17,20	17,30	17,30

ITEM	DN	PART NO.
 overflow drain SuperDrain type 62 PVC	DN 70	671561
 overflow drain SuperDrain type 62 H PVC, heated	DN 70	671578



overflow drain SuperDrain type 62 PVC



recess size: 170 x 320 mm  
core drill: d: 170 mm

## DALLMER overflow drain SuperDrain type 62 FPO-PP

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with extra wide flange  
for welding FPO-PP membranes directly or fixing PE vapour barriers

### SPECIFICATION





- SuperDrain-insert
- insulated drain body
- outlet vertical
- overflow upstand height adjustable 28 - 68 mm
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

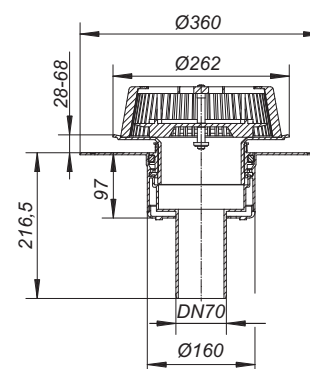
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70	12,0 (55 mm)	0,70	3,40	6,60	11,10	17,20	17,30	17,30
DN 90	12,0 (55 mm)	0,80	3,30	6,50	11,20	17,10	22,00	22,00

ITEM	DN	PART NO.
 overflow drain SuperDrain type 62 FPO-PP	DN 70	671523
 overflow drain SuperDrain type 62 FPO-PP	DN 90	671530
 overflow drain SuperDrain type 62 H FPO-PP, heated	DN 70	671547
 overflow drain SuperDrain type 62 H FPO-PP, heated	DN 90	671554



overflow drain SuperDrain type 62 FPO-PP



recess size: 170 x 320 mm  
core drill: d: 170 mm

 R 30 - 120 option available.

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps

# SuperDrain siphonic overflow roof drainage

## DALLMER overflow drain SuperDrain type 64 clamp ring

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- side outlet DN 70, 3 degrees fall
- overflow upstand height adjustable 28 - 68 mm
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

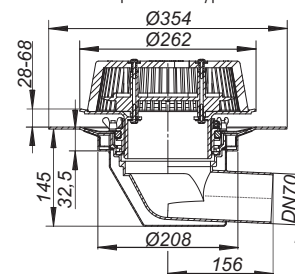
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70	12,0 (55 mm)	0,90	3,80	7,30	12,10	18,00	18,70	18,70

ITEM	DN	PART NO.
overflow drain SuperDrain type 64 clamp ring	DN 70	671684
overflow drain SuperDrain type 62 H clamp ring, heated	DN 70	671691



overflow drain SuperDrain type 64 clamp ring



recess size: 265 x 320 mm

## DALLMER overflow drain SuperDrain type 64 DallBit

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with factory-fitted collar of 5.0 mm modified bitumen membrane, 500 x 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- side outlet DN 70, 3 degrees fall
- overflow upstand height adjustable 28 - 68 mm
- domed grate, secured

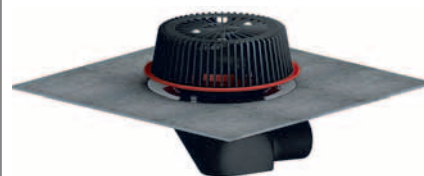
### MATERIAL

polypropylene, UV-stabilized

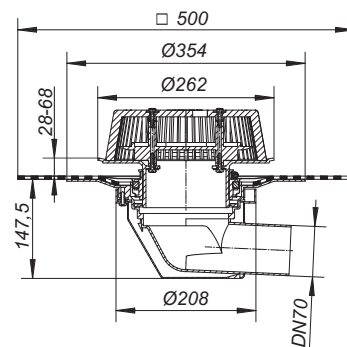
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70	12,0 (55 mm)	0,90	3,80	7,30	12,10	18,00	18,70	18,70

ITEM	DN	PART NO.
overflow drain SuperDrain type 64 DallBit	DN 70	671660
overflow drain SuperDrain type 64 H DallBit, heated	DN 70	671677



overflow drain SuperDrain type 64 DallBit



recess size: 265 x 320 mm

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps

# SuperDrain siphonic overflow roof drainage

## DALLMER overflow drain SuperDrain type 64 PVC

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, moulded in PVC,  
PVC membranes can be welded to the flange

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- side outlet DN 70, 3 degrees fall
- overflow upstand height adjustable 28 - 68 mm
- domed grate, secured

### MATERIAL

PVC

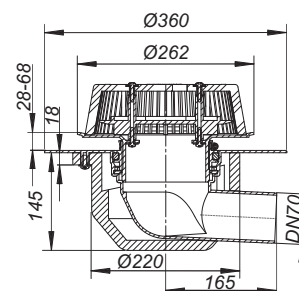
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70	12,0 (55 mm)	0,80	3,80	7,30	12,20	18,40	18,50	18,50

ITEM	DN	PART NO.
overflow drain SuperDrain type 64 PVC	DN 70	671646
overflow drain SuperDrain type 64 H PVC, heated	DN 70	671653



overflow drain SuperDrain type 64 PVC



recess size: 240 x 320 mm

## DALLMER overflow drain SuperDrain type 64 FPO-PP

conforming to DIN EN 1253

for use with a calculated siphonic roof drainage system, with extra wide flange  
for welding FPO-PP membranes directly or fixing PE vapour barriers

### SPECIFICATION

- SuperDrain-insert
- insulated drain body
- side outlet DN 70, 3 degrees fall
- overflow upstand height adjustable 28 - 68 mm
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

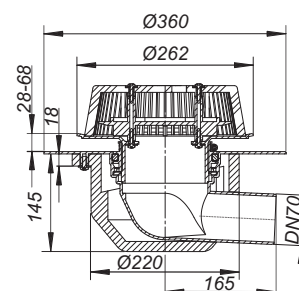
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70	12,0 (55 mm)	0,80	3,80	7,30	12,20	18,40	18,50	18,50

ITEM	DN	PART NO.
overflow drain SuperDrain type 64 FPO	DN 70	671622
overflow drain SuperDrain type 64 H FPO-PP, heated	DN 70	671639



overflow drain SuperDrain type 64 FPO



recess size: 240 x 320 mm

H = roof drain heated version

Connect to 230 V supply, conforming to VDE 0721, Part 1/3.78

Power per drain: 15 watts

Current per drain: 0.06 amps

Suggested current per roof area: 16 amps

# Overflow drainage for siphonic roof drainage

## DALLMER power overflow drain 86 D DallBit

conforming to DIN EN 1253  
flat overflow drain for use in roofs with minimum 120 mm insulation, drain body with factory-fitted collar of 5.0 mm modified bitumen membrane, d: 500 mm, welded to the flange and clamped with a stainless steel clamp ring

### SPECIFICATION

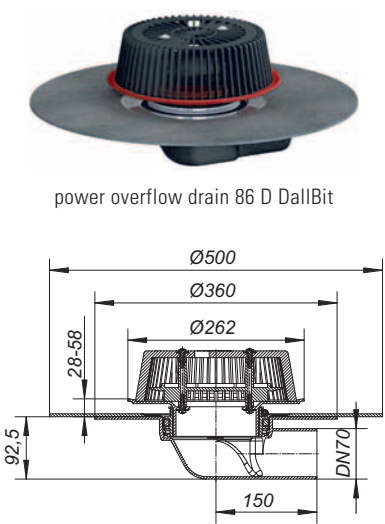
- overflow upstand height adjustable 28 - 58 mm
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

FLOW RATE IN L/S TESTED TO DIN EN 1253  
WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 4,2 M)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	12,0 (55 mm)	0,7	3,8	7,5	12,1	17,7	17,9	17,9
ITEM	DN		PART NO.					
power overflow drain 86 D DallBit	DN 70		671363					



power overflow drain 86 D PVC

## DALLMER power overflow drain 86 D PVC

conforming to DIN EN 1253  
flat overflow drain for use in roofs with minimum 120 mm insulation, moulded in PVC, PVC membranes can be welded to the flange

### SPECIFICATION

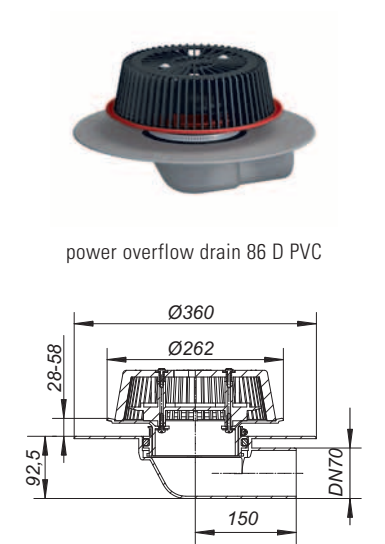
- overflow upstand height adjustable 28 - 58 mm
- domed grate, secured

### MATERIAL

PVC

FLOW RATE IN L/S TESTED TO DIN EN 1253  
WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 4,2 M)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	12,0 (55 mm)	0,7	3,8	7,5	12,1	17,7	17,9	17,9
ITEM	DN		PART NO.					
power overflow drain 86 D PVC	DN 70		671370					





# Overflow drainage for siphonic roof drainage

## DALLMER power overflow drain 86 D FPO-PP

conforming to DIN EN 1253

flat overflow drain for installation into the thermal roof insulation with minimum 120 mm, with extra wide flange for welding FPO-PP membranes directly

### SPECIFICATION

- overflow upstand height adjustable 28 - 58 mm
- domed grate, secured

### MATERIAL

polypropylene, UV-stabilized

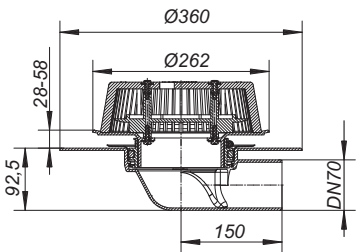
### FLOW RATE IN L/S TESTED TO DIN EN 1253

WITH WATER LEVEL OVER DRAIN 5 - 65 MM (DOWNPIPE = 4,2 M)

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM
DN 70 horizontal	12,0 (55 mm)	0,7	3,8	7,5	12,1	17,7	17,9	17,9
ITEM					DN	PART NO.		
power overflow drain 86 D FPO-PP					DN 70	671387		



power overflow drain 86 D FPO-PP



# Raising pieces for siphonic roof drainage

## DALLMER raising piece type 630 clamp ring

used with roof drain types 62 and 64,  
with stainless steel clamp ring to secure all single-ply membranes

### SPECIFICATION

- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

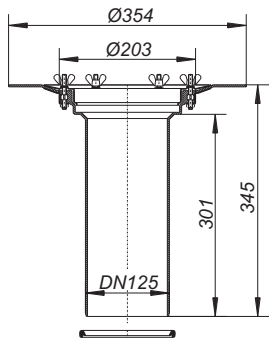
### MATERIAL

polypropylene, UV-stabilized

ITEM	PART NO.
raising piece type 630 clamp ring	621580



raising piece type 630 clamp ring



## DALLMER raising piece type 630 DallBit

used with roof drain types 62 and 64,  
with factory-fitted collar of 5.0 mm modified bitumen membrane, 500 x 500 mm, welded to the  
flange and clamped with a stainless steel clamp ring

### SPECIFICATION

- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

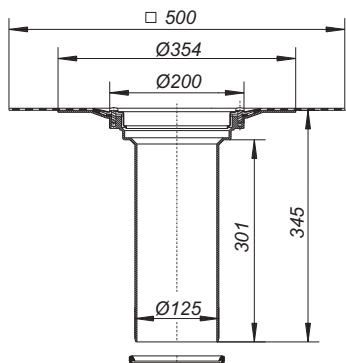
### MATERIAL

polypropylene, UV-stabilized

ITEM	PART NO.
raising piece type 630 DallBit	622587



raising piece type 630 DallBit



# Raising pieces for siphonic roof drainage

## DALLMER raising piece type 630 PVC

used with roof drain types 62 and 64,  
moulded in PVC, PVC membranes can be welded to the flange

### SPECIFICATION

- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

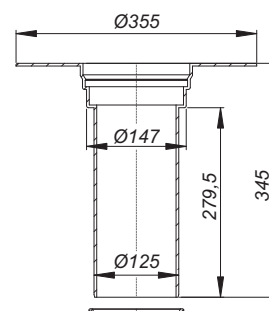
### MATERIAL

PVC

ITEM	PART NO.
raising piece type 630 PVC	623584



raising piece type 630 PVC



## DALLMER raising piece type 630 FPO-PE

used with roof drain types 62 and 64,  
with extra wide flange for welding FPO-PE membranes directly

### SPECIFICATION

- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

### MATERIAL

polyethylene, UV-stabilized

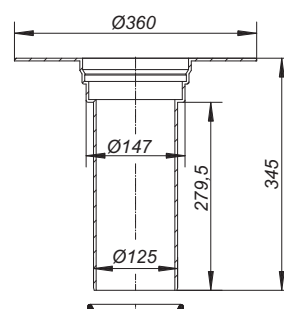
ITEM	PART NO.
raising piece type 630 FPO-PE	621573



raising piece type 630 FPO-PE



raising piece type 630 FPO-PP



## DALLMER raising piece type 630 FPO-PP

used with roof drain types 62 and 64,  
with extra wide flange for welding FPO-PP membranes directly

### SPECIFICATION

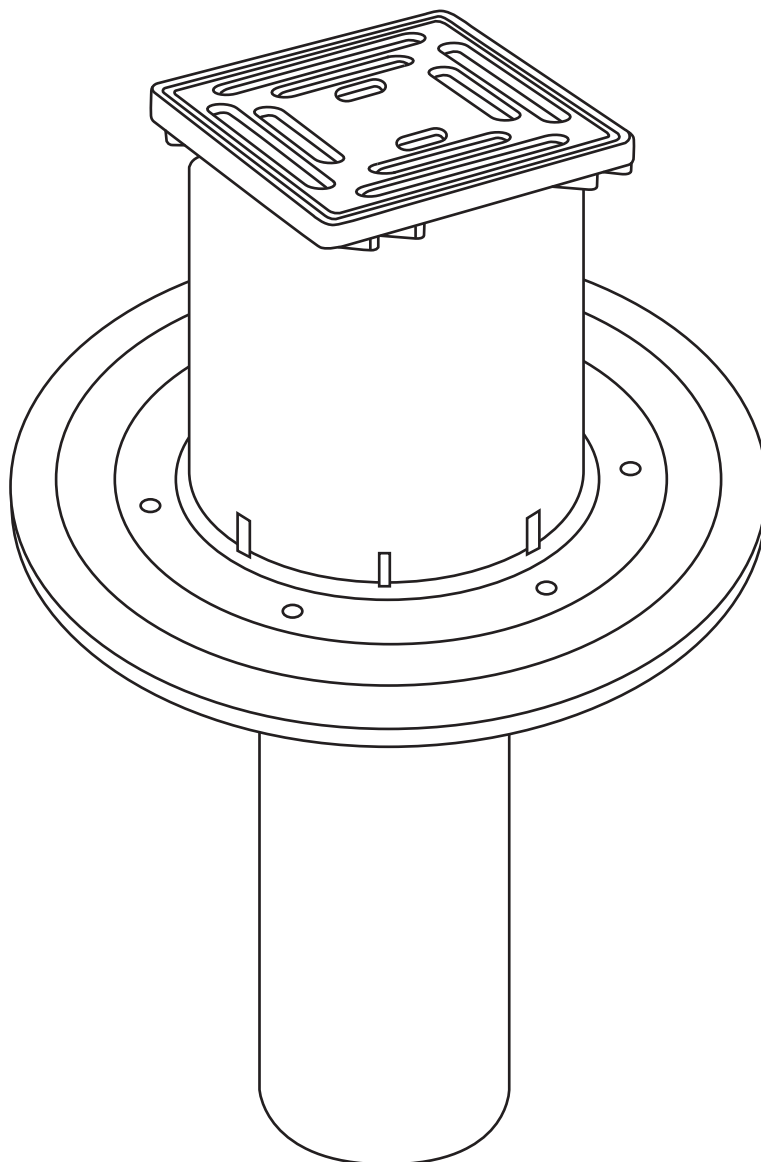
- seal
- temporary blanking plate
- can be extended with DN 125 plastic pipe, cut to suit on site for insulation 50 - 250 mm

### MATERIAL

polyethylene, UV-stabilized

ITEM	PART NO.
raising piece type 630 FPO-PP	671226

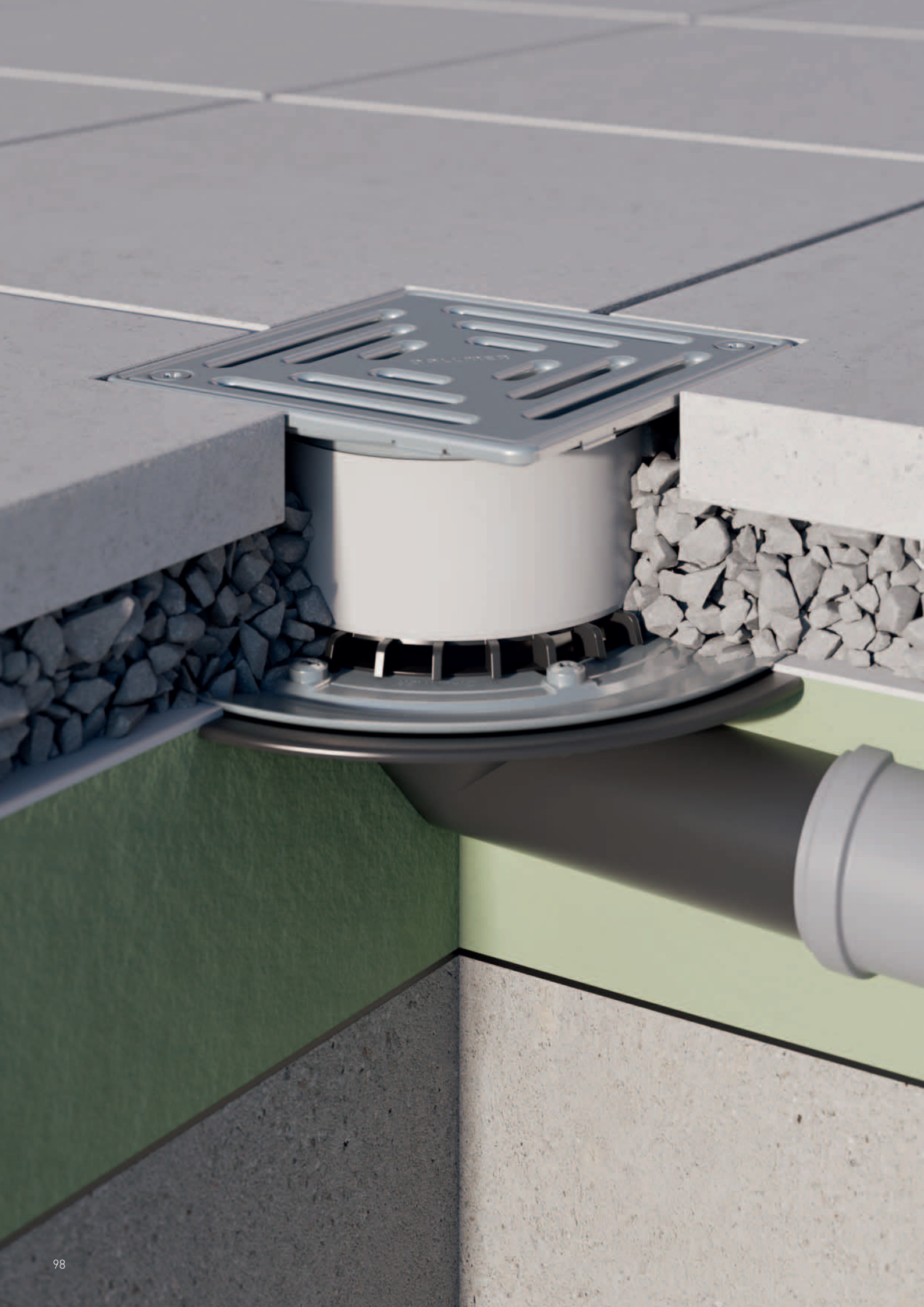
## Balcony drains



Balcony and terrace drains 98

Raising pieces and accessories for balcony and terrace drains 109





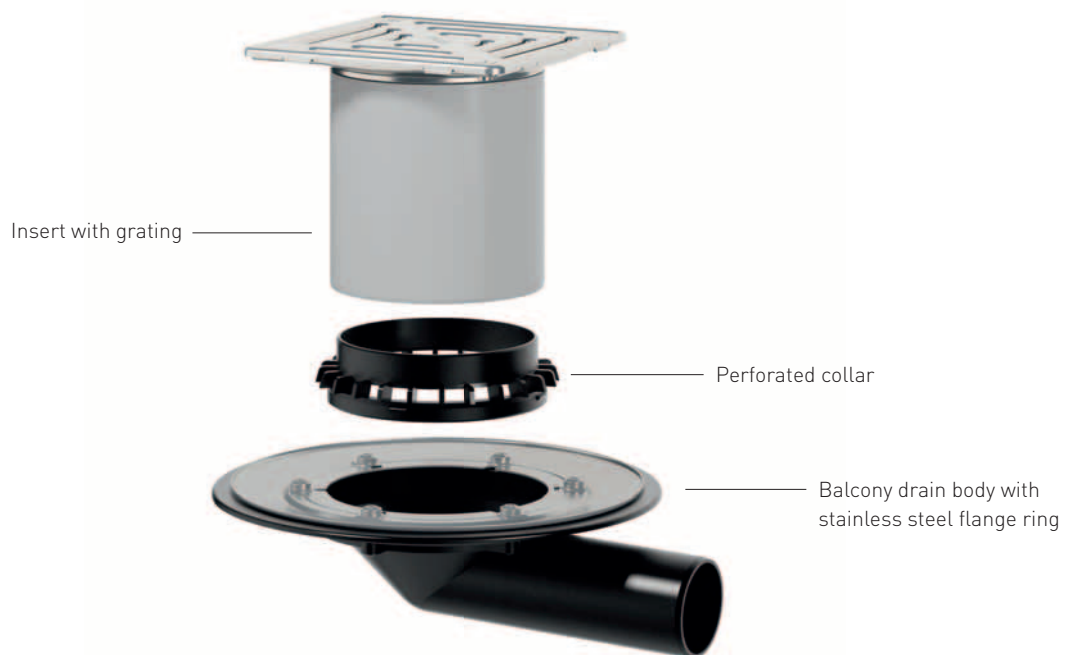
## Balcony and terrace drains

Dallmer has designed the drain bodies 83 and 84 specially for balconies and terraces. All housing is also available, as always, in a DallBit version for bituminous waterproofing. The range also offers various gratings, including a version with solid stainless steel grating and frame. Useful accessories, such as frost-proof trap inserts, round off the portfolio.

Ultra-flat housing in DN 50 and DN 70 and the flexible modular system with raising pieces, gratings and suitable accessories enable the professional execution of all drainage tasks for terraces and balconies.

### Technical information

Drainage rates vary according to drain version, connection type and water over grate  
Optionally available with factory-welded bitumen sheet collar



# Overview balcony and terrace drains

## balcony drain bodies type 83 KF and 84 KF

for use in floors

without  
a waterproofing



balcony drain body type 83 KF

Dimension	Part no.
DN 50	830326
DN 70	830340



balcony drain body type 84 KF

Dimension	Part no.
DN 50	831323
DN 70	831347

## balcony drain bodies type 83 and 84

for use in

waterproofed  
floors



balcony drain body type 83

Dimension	Part no.
DN 50	830029
DN 70	830043



balcony drain body type 84

Dimension	Part no.
DN 50	831026
DN 70	831040
DN 100	831064



balcony drain body type 83 DallBit

Dimension	Part no.
DN 50	832023
DN 70	832047



balcony drain body type 84 DallBit

Dimension	Part no.
DN 50	832122
DN 70	832146
DN 100	832160



balcony drain body type 83 FPO

Dimension	Part no.
DN 50	837028
DN 70	837042



balcony drain body type 84 FPO

Dimension	Part no.
DN 50	837127
DN 70	837141
DN 100	837165



PVC fange S 10  
used with balcony drain body 83 FPO and 84 FPO, with screws. For welding on PVC roofing membranes.

Part no. 495853

type DallBit: d: 420 mm collar of 5 mm thick bituminous membrane, welded to the flange and fitted with stainless steel clamp ring

type FPO: FPO-membranes based on polypropylene can be welded directly to the flange

## balcony drains type 83 E and 84 E

for use in

waterproofed  
floors



balcony drain type 83 E

Dimension	Part no.
DN 50	830104
DN 70	830111



balcony drain type 84 E

Dimension	Part no.
DN 50	831101
DN 70	831118

# Overview balcony and terrace drains

## gratings

for use with balcony  
drain bodies



grating E 10  
grate stainless steel,  
frame plastic

Dimension 100 x 100 mm  
Part no. 510006

grating ECN 10  
grate and frame stainless  
steel, secured

Dimension 100 x 100 mm  
Part no. 510082



grating KE 10  
grate stainless steel,  
frame plastic

Dimension 150 x 150 mm  
Part no. 510051

grating KEN 10  
grate stainless steel, secured,  
frame plastic

Dimension 150 x 150 mm  
Part no. 510099



grating KR 10  
with two-part plastic-frame  
for connection of down pipes  
with d: 50 – 75 mm

Dimension 150 x 150 mm  
Part no. 510068



grating SEC 10  
grate and frame stainless steel

Dimension 150 x 150 mm  
Part no. 510105

grating SEN 10  
grate and frame stainless steel,  
secured

Dimension 150 x 150 mm  
Part no. 510136

grating SES 10  
frame stainless steel, grate  
316L stainless steel, secured

Dimension 150 x 150 mm  
Part no. 510143

## raising pieces type 85

used with balcony  
drain bodies and  
balcony drains



Raising piece 85  
Part no. 831569



Raising piece 85 DallBit  
Part no. 832566

type DallBit: d: 420 mm collar of 5 mm thick bituminous membrane, welded to the flange and fitted with stainless steel clamp ring

## Accessories

used with balcony  
drain bodies and  
balcony drains



domed grating/gravel guard  
S 10  
Dimension Ø 125 mm  
Part no. 495815



flat grate S 10  
Dimension Ø 113 mm

Part no. 501240  
(nur in Verbindung mit  
Flanschring S 10 einsetzbar,  
Part no. 839503)

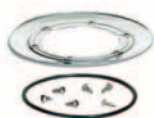


self closing flap valve S 10\*  
for 100 x 100 mm gratings  
Dimension Ø 92 mm  
Part no. 495839



perforated collar/gravel  
guard S 10  
Dimension Ø 103 mm  
Part no. 495822

\*Utilisation of flap-valves in balcony drains DN 70 and DN 100 decreases the flow to under the rate tested to DIN EN 1253.



clamp ring stainless steel S 10  
Part no. 839503



seal S 10  
Dimension Ø 110 mm  
Part no. 495020



waterproofing collar PVC  
Dimension Ø 420 mm  
Part no. 790316

waterproofing collar EPDM  
Dimension Ø 420 mm  
Part no. 790323

# Balcony and terrace drains

## DALLMER balcony drain body type 83

conforming to DIN EN 1253

### SPECIFICATION

- side outlet, 3 degrees
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

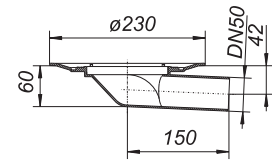
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,60	1,00	1,10	1,20	1,30	1,40	1,40	1,50
DN 70	1,7 (35 mm)	0,90	2,20	4,00	5,50	7,20	9,40	12,80	16,00

ITEM	DN	PART NO.
balcony drain body type 83	DN 50	830029
balcony drain body type 83	DN 70	830043



balcony drain body type 83



recess size: 180 x 270 mm

## DALLMER balcony drain body type 83 DallBit

conforming to DIN EN 1253

With d: 420 mm collar of 5.0 mm thick bituminous membrane, welded to the flange and fitted with stainless steel clamp ring.

### SPECIFICATION

- side outlet, 3 degrees
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

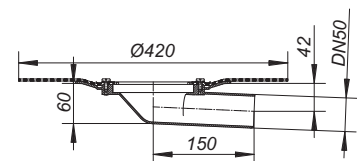
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,60	1,00	1,10	1,20	1,30	1,40	1,40	1,50
DN 70	1,7 (35 mm)	0,90	2,20	4,00	5,50	7,20	9,40	12,80	16,00

ITEM	DN	PART NO.
balcony drain body type 83 DallBit	DN 50	832023
balcony drain body type 83 DallBit	DN 70	832047



balcony drain body type 83 DallBit



recess size: 180 x 270 mm



# Balcony and terrace drains

## DALLMER balcony drain body type 83 KF

body without flange for use without a waterproofing membrane

### SPECIFICATION

- side outlet, 3 degrees
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

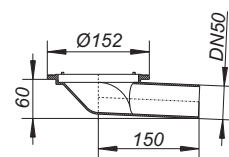
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,60	1,00	1,10	1,20	1,30	1,40	1,40	1,50
DN 70	1,7 (35 mm)	0,90	2,20	4,00	5,50	7,20	9,40	12,80	16,00

ITEM	DN	PART NO.
balcony drain body type 83 KF	DN 50	830326
balcony drain body type 83 KF	DN 70	830340



balcony drain body type 83 KF



recess size: 180 x 270 mm

## DALLMER balcony drain body type 83 FPO

with extra wide flange for welding FPO-PP membranes directly

### SPECIFICATION

- side outlet, 3 degrees
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

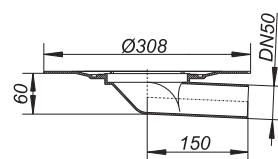
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,60	1,00	1,10	1,20	1,30	1,40	1,40	1,50
DN 70	1,7 (35 mm)	0,90	2,20	4,00	5,50	7,20	9,40	12,80	16,00

ITEM	DN	PART NO.
balcony drain body type 83 FPO	DN 50	837028
balcony drain body type 83 FPO	DN 70	837042



balcony drain body type 83 FPO



recess size: 180 x 270 mm



# Balcony and terrace drains

## DALLMER balcony drain body type 84

conforming to DIN EN 1253

### SPECIFICATION

- vertical outlet
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

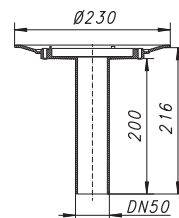
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,90	2,40	3,70	4,40	5,40	5,50	5,70	5,80
DN 70	1,7 (35 mm)	0,90	2,20	3,80	4,90	6,80	9,00	12,00	14,60
DN 100	4,5 (35 mm)	0,90	2,10	4,20	5,70	7,20	9,50	12,60	17,00

ITEM	DN	PART NO.
balcony drain body type 84	DN 50	831026
balcony drain body type 84	DN 70	831040
balcony drain body type 84	DN 100	831064



balcony drain body type 84



recess size: 180 x 250 mm

## DALLMER balcony drain body type 84 DallBit

conforming to DIN EN 1253

with d: 420 mm collar of 5.0 mm thick bituminous membrane, welded to the flange and fitted with stainless steel clamp ring

### SPECIFICATION

- vertical outlet
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

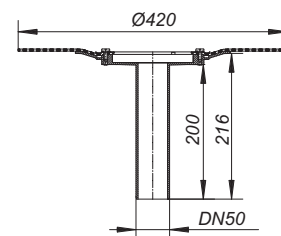
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,90	2,40	3,70	4,40	5,40	5,50	5,70	5,80
DN 70	1,7 (35 mm)	0,90	2,20	3,80	4,90	6,80	9,00	12,00	14,60
DN 100	4,5 (35 mm)	0,90	2,10	4,20	5,70	7,20	9,50	12,60	17,00

ITEM	DN	PART NO.
balcony drain body type 84 DallBit	DN 50	832122
balcony drain body type 84 DallBit	DN 70	832146
balcony drain body type 84 DallBit	DN 100	832160



balcony drain body type 84 DallBit



recess size: 180 x 250 mm

# Balcony and terrace drains

## DALLMER balcony drain body type 84 KF

body without flange for use without a waterproofing membrane

### SPECIFICATION

- vertical outlet
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

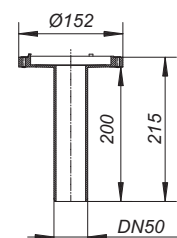
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,90	2,40	3,70	4,40	5,40	5,50	5,70	5,80
DN 70	1,7 (35 mm)	0,90	2,20	3,80	4,90	6,80	9,00	12,00	14,60

ITEM	DN	PART NO.
balcony drain body type 84 KF	DN 50	831323
balcony drain body type 84 KF	DN 70	831347



balcony drain body type 84 KF



recess size: 180 x 250 mm

## DALLMER balcony drain body type 84 FPO-PP

with extra wide flange for welding FPO-PP membranes directly

### SPECIFICATION

- vertical outlet
- temporary blanking plate

### MATERIAL

polypropylene, UV-stabilized

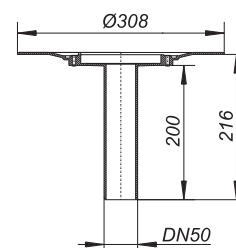
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM	45 MM	55 MM	65 MM	75 MM
DN 50	0,9 (35 mm)	0,90	2,40	3,70	4,40	5,40	5,50	5,70	5,80
DN 70	1,7 (35 mm)	0,90	2,20	3,80	4,90	6,80	9,00	12,00	14,60
DN 100	4,5 (35 mm)	0,90	2,10	4,20	5,70	7,20	9,50	12,60	17,00

ITEM	DN	PART NO.
balcony drain body type 84 FPO-PP	DN 50	837127
balcony drain body type 84 FPO-PP	DN 70	837141
balcony drain body type 84 FPO-PP	DN 100	837165



balcony drain body type 84 FPO-PP



recess size: 180 x 250 mm

# Balcony and terrace drains

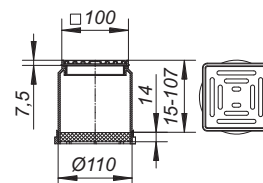
## DALLMER grating E 10, EN 10

used with floor drain types 40, 42 and 46, with balcony drain types 83 and 84 as well as type 85 raising piece, spigot polypropylene, extendable with DN 100 plastic pipe, frame ABS, 100 x 100 mm, grate 304 stainless steel, class K 3 (300 kg)

ITEM	DIMENSION	PART NO.
grating E 10	100 x 100 mm	510006
grating EN 10, secured grate	100 x 100 mm	510044



grating E 10



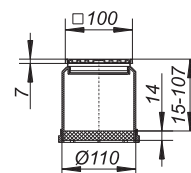
## DALLMER grating EC 10, ECN 10

used with floor drain types 40, 42 and 46, with balcony drain types 83 and 84 as well as type 85 raising piece, spigot polypropylene, extendable with DN 100 plastic pipe, frame 304 stainless steel, 100 x 100 mm, grate 304 stainless steel, load class K 3 (300 kg)

ITEM	DIMENSION	PART NO.
grating EC 10	100 x 100 mm	510013
grating ECN 10, secured grate	100 x 100 mm	510082



grating EC 10



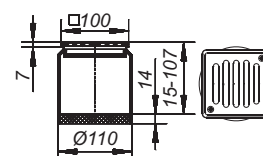
## DALLMER grating ECS 10

used with floor drain types 40, 42 and 46, spigot polypropylene, extendable with DN 100 plastic pipe, frame 304 stainless steel, 100 x 100 mm, grate 5 mm 316L stainless steel, secured, load class L 15 (1.5 t)

ITEM	DIMENSION	PART NO.
grating ECS 10, grate 5 mm, secured	100 x 100 mm	510020



grating ECS 10



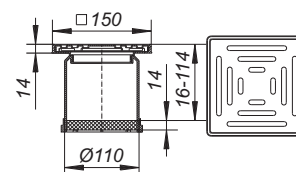
## DALLMER grating KE 10, KEN 10

used with floor drain types 40, 42 and 46, with balcony drain types 83 and 84 as well as type 85 raising piece, spigot polypropylene, extendable with DN 100 plastic pipe, frame ABS, 150 x 150 mm, grate 304 stainless steel, load class K 3 (300 kg)

ITEM	DIMENSION	PART NO.
grating KE 10	150 x 150 mm	510051
grating KEN 10, secured grate	150 x 150 mm	510099



grating KE 10



Some of these gratings can be supplied with d: 103 mm spigot where its use is allowed. Please enquire.

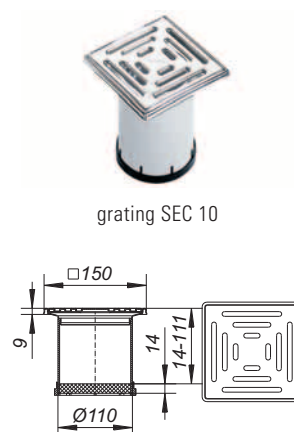
# Balcony and terrace drains

## DALLMER gratings SEC 10, SEN 10, SES 10

used with floor drain types 40, 42 and 46, with balcony drain types 83 and 84 as well as type 85 raising piece, spigot ABS, extendable with DN 100 plastic pipe, frame 304 stainless steel, 150 x 150 mm

- **grating SEC 10**  
grate 304 stainless steel, load class K 3 (300 kg)
- **grating SEN 10, secured grate**  
grate 304 stainless steel, secured, load class K 3 (300 kg)
- **grating SES 10, massive grate, secured**  
grate 5 mm 316L stainless steel, secured, load class L 15 (1.5 t)

ITEM	DIMENSION	PART NO.
grating SEC 10	150 x 150 mm	510105
grating SEN 10, secured grate	150 x 150 mm	510136
grating SES 10, massive grate, secured	150 x 150 mm	510143

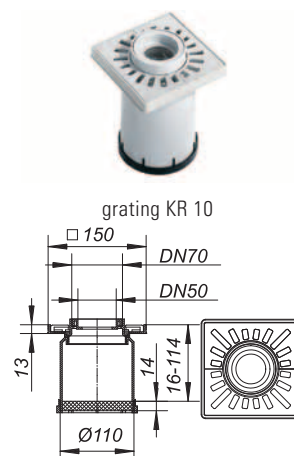


grating SEC 10

## DALLMER grating KR 10

used with floor drain types 40, 42 and 46, with balcony drain types 83 and 84 as well as type 85 raising piece, spigot polypropylene, extendable with DN 100 plastic pipe, two parts with insert for plastic down pipes 50 – 75 mm, frame polypropylene, 150 x 150 mm, grate polypropylene

ITEM	DIMENSION	PART NO.
grating KR 10, grate with down pipe insert	150 x 150 mm	510068

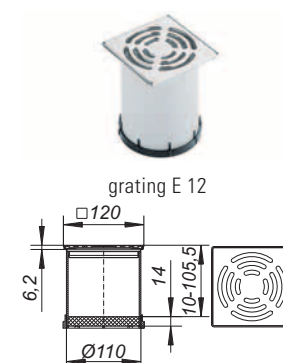


grating KR 10

## DALLMER grating E 12, EN 12

used with floor drain types 40, 42 and 46, with balcony drain types 83 and 84 as well as type 85 raising piece, spigot ABS, extendable with DN 100 plastic pipe, frame 304 stainless steel, 120 x 120 mm. grate 304 stainless steel, load class K 3 (300 kg)

ITEM	DIMENSION	PART NO.
grating E 12	120 x 120 mm	510310
grating EN 12, secured grate	120 x 120 mm	510327

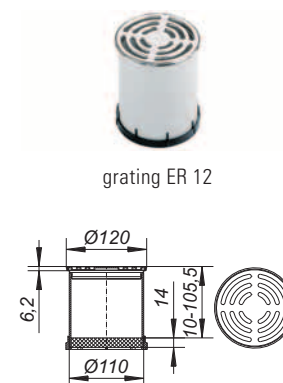


grating E 12

## DALLMER grating ER 12

used with floor drain types 40, 42 and 46, with balcony drain types 83 and 84 as well as type 85 raising piece, spigot ABS, extendable with DN 100 plastic pipe, frame 304 stainless steel, d: 120 mm, grate 304 stainless steel, load class K 3 (300 kg)

ITEM	DIMENSION	PART NO.
grating ER 12	d: 120 mm	510334



grating ER 12

Some of these gratings can be supplied with d: 103 mm spigot where its use is allowed. Please enquire.

# Balcony and terrace drains

## DALLMER balcony drain type 83 E

conforming to DIN EN 1253

### SPECIFICATION

- side outlet, 3 degrees
- temporary blanking plate
- spigot extendable with DN 100 plastic pipe

frame ABS, 100 x 100 mm

grate 304 stainless steel, load class K 3 (300 kg)

### MATERIAL

polypropylene, UV-stabilized

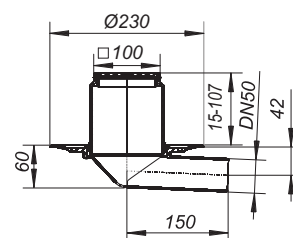
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM
DN 50	0,9 (35 mm)	0,40	1,20	1,60	1,60
DN 70	1,7 (35 mm)	0,40	1,10	1,60	1,90

ITEM	DN	DIMENSION	PART NO.
balcony drain type 83 E	DN 50	100 x 100 mm	830104
balcony drain type 83 E	DN 70	100 x 100 mm	830111



balcony drain type 83 E



recess size: 180 x 270 mm

## DALLMER balcony drain type 84 E

conforming to DIN EN 1253

### SPECIFICATION

- vertical outlet
- temporary blanking plate
- spigot extendable with DN 100 plastic pipe

frame ABS, 100 x 100 mm

grate 304 stainless steel, load class K 3 (300 kg)

### MATERIAL

polypropylene, UV-stabilized

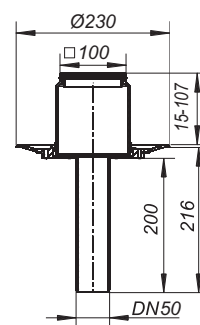
### FLOW RATE IN L/S TESTED TO DIN EN 1253 WITH WATER LEVEL OVER DRAIN

DIMENSION	DIN EN 1253	5 MM	15 MM	25 MM	35 MM
DN 50	0,9 (35 mm)	0,40	1,30	2,50	2,50
DN 70	1,7 (35 mm)	0,40	1,40	2,00	2,00

ITEM	DN	DIMENSION	PART NO.
balcony drain type 84 E	DN 50	100 x 100 mm	831101
balcony drain type 84 E	DN 70	100 x 100 mm	831118



balcony drain type 84 E



recess size: 180 x 250 mm

# Raising pieces and accessories for balcony and terrace drains

## DALLMER self-closing flap-valve S 10

fitted in the series 10 frames and gratings 100 x 100 mm and KE 10/KEN 10. Used on combined foul and rainwater systems, the flap-valve allows water to drain whilst preventing the escape of foul air and foam.

**With no water seal, it cannot freeze!**

### SPECIFICATION

– seal

### MATERIAL

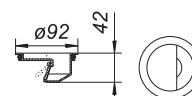
ABS

ITEM	DIMENSION	PART NO.
self-closing flap-valve S 10	d: 92 mm	495839

Utilisation of flap-valves in balcony drains DN 70 and DN 100 decreases the flow to under the rate tested to DIN EN 1253.



self-closing flap-valve S 10



## DALLMER back flow seal S 10

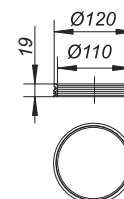
seals between drain body and grating

For use with S 10 clamp ring (part no. 839503) or DallBit floor drain bodies S 10.

ITEM	DIMENSION	PART NO.
back flow seal S 10	d: 110 mm	495020



back flow seal S 10, d: 110 mm



## DALLMER clamp ring S 10

for securing all single-ply membranes, used with floor drains S 10 and type 85 raising piece

### SPECIFICATION

– stainless steel screws  
– rubber seal

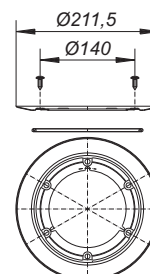
### MATERIAL

stainless steel

ITEM	PART NO.
clamp ring S 10	839503



clamp ring S 10





# Raising pieces and accessories for for balcony and terrace drains

## DALLMER raising piece type 85

used with floor drain types 40, 42, 46 and with balcony drain types 83 and 84,  
cut to suit on site, extendable with DN 100 plastic pipe

### SPECIFICATION

- socket with seal
- temporary blanking plate

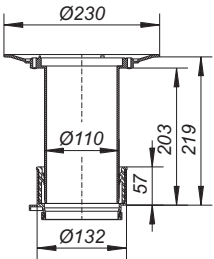
### MATERIAL

polypropylene

ITEM	PART NO.
raising piece type 85	831569



raising piece type 85



## DALLMER raising piece type 85 DallBit

used with floor drain types 40, 42, 46 and with balcony drain types 83 and 84,  
cut to suit on site, extendable with DN 100 plastic pipe, with d: 420 mm collar of 5.0 mm thick  
bituminous membrane, welded to the flange and secured with stainless steel clamp ring.

### SPECIFICATION

- socket with seal
- temporary blanking plate

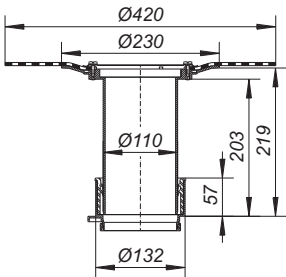
### MATERIAL

polypropylene

ITEM	PART NO.
raising piece type 85 DallBit	832566



raising piece type 85 DallBit



## DALLMER socket 85

spare part for raising piece 85

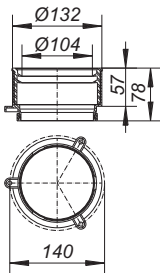
### MATERIAL

polypropylene

ITEM	PART NO.
socket 85	495877



socket 85



# Raising pieces and accessories for balcony and terrace drains

## DALLMER perforated collar/gravel guard S 10

used with balcony drain types 83, 84 and raising piece 85 fitted between the drain body and grating, it allows water passing through a paved terrace to drain from the membrane level

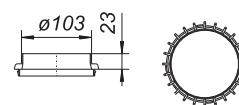
### MATERIAL

polypropylene, UV-stabilized

ITEM	DIMENSION	PART NO.
perforated collar/gravel guard S 10	d: 103 mm	495822



perforated collar/gravel guard S 10



## DALLMER domed grating/gravel guard S 10

used with balcony drain types 83, 84 and raising piece 85

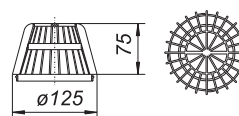
### MATERIAL

polypropylene, UV-stabilized

ITEM	DIMENSION	PART NO.
domed grating/gravel guard S 10	d: 125 mm	495815



domed grating/gravel guard S 10



## DALLMER flat grate S 10

used with balcony drain types 83, 84 and raising piece 85

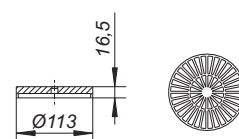
### MATERIAL

polypropylene

ITEM	DIMENSION	PART NO.
flat grate S 10	d: 113 mm	501240



flat grate S 10



Must be used with S 10 clamp ring (part no. 839503)

## DALLMER waterproofing collar S 10

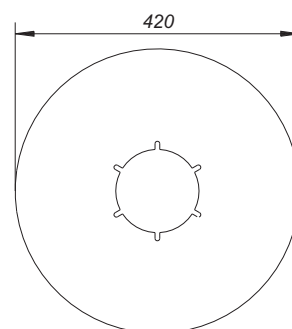
cut from single-ply membrane material used with floor drain types 40, 42, 46 and type 85 raising piece

ITEM	DIMENSION	PART NO.
waterproofing collar S 10, flexible PVC	d: 420 mm	790316
waterproofing collar S 10, EPDM	d: 420 mm	790323

Other materials on request.



waterproofing collar S 10, flexible PVC



# Raising pieces and accessories for for balcony and terrace drains

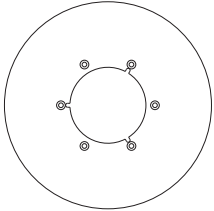
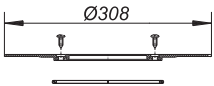
## DALLMER flange PVC S 10

used with balcony drain body 83 FPO and 84 FPO, with screws

ITEM	DIMENSION	PART NO.
flange PVC S 10	d: 308 mm	495853

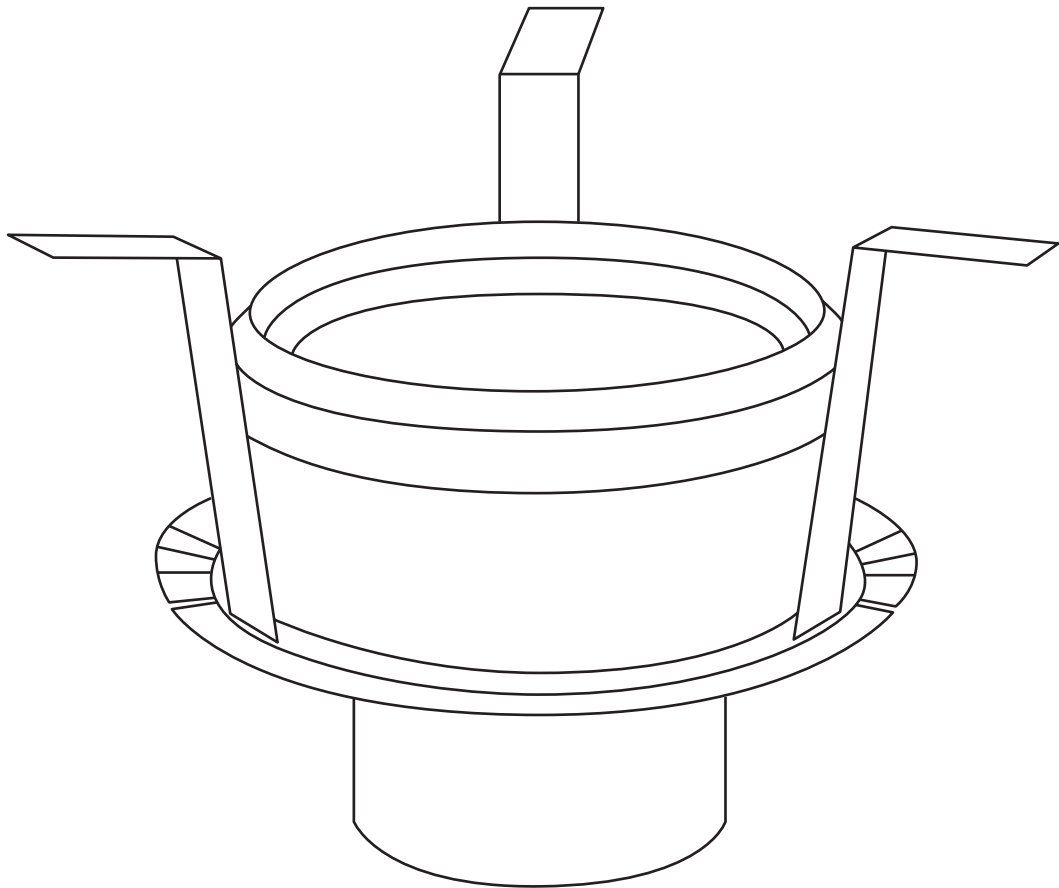


flange PVC S 10





## Fire insulation systems



Fire insulation for yard and parking area drains 116

Fire insulation for roof drains in concrete surfaces 120

Fire insulation for roof drains in steel trapezoidal-profiled roofs 124





## Fire insulation for yard and parking area drains

### Tested and approved: Fire insulation systems for floor drains

Within the context of preventive fire insulation, plastic floor drains with vertical outlets are regarded as pipe/ceiling feed-throughs that require sealing off. Dallmer has satisfied this requirement with a fire insulation system that can be installed quickly and easily and without tools. Used in combination with our drains for courtyards and car parks, it is suitable for ceilings with fire protection classes F 30/60/90.

#### Technical information

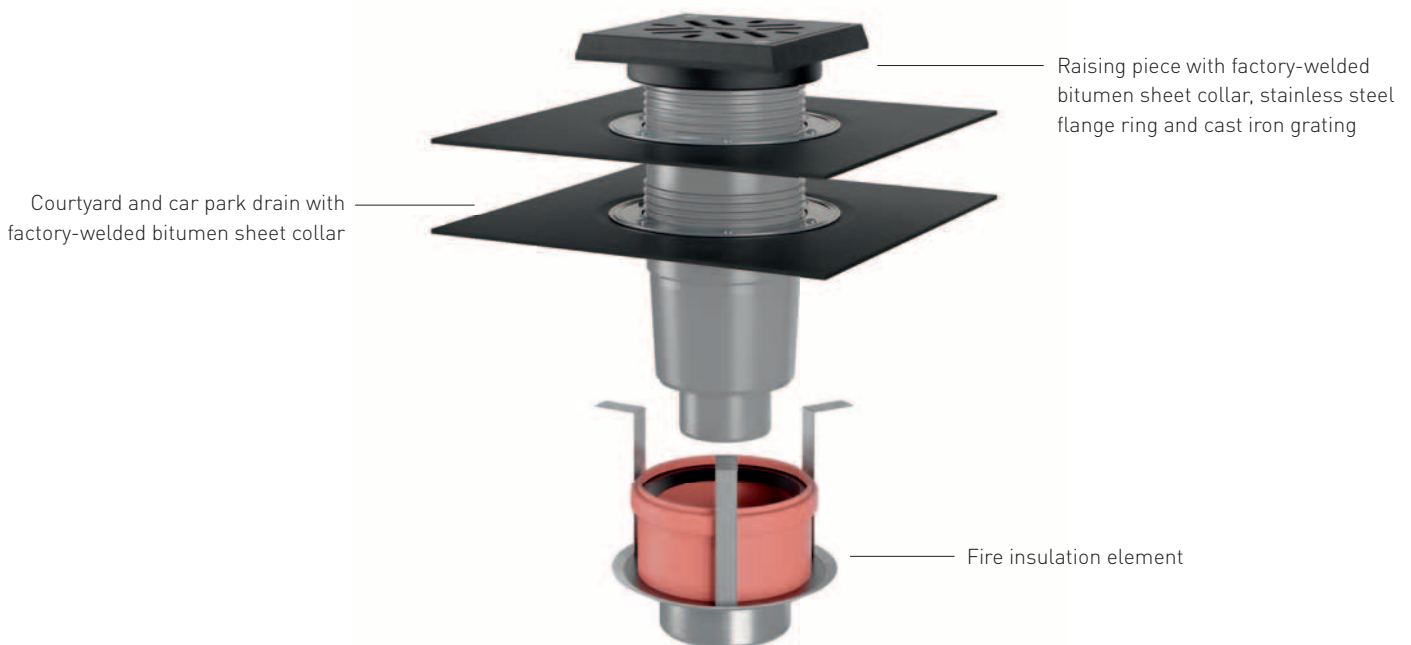
Drainage rates: 4.2 l/s – 5.5 l/s \*

Frost-proof trap insert

Load class A (up to 1.5 t), with cast-iron frame

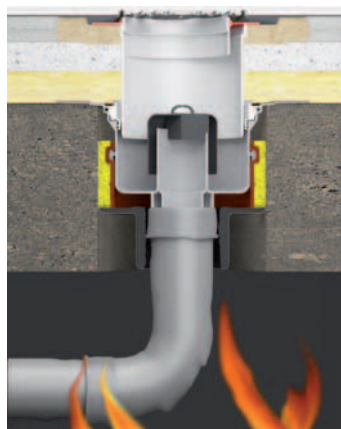
Load class B (up to 12.5 t)

\* depending on the drain version and connection type



### Operation in case of fire

The fire insulating structural element has a fire insulating insert made up of an intumescent material (material that foams in the event of a fire), which begins to foam at a heat of approx. 150°C. The volume of the material increases approx. 15/20-fold. This seals off the ceiling feed-through quickly, reliably and safely and prevents the spread of any heat, flames or smoke via this feed-through.



1. The fire heats the material that foams in the event of a fire (formation of insulating material)



2. Ceiling feed-through is sealed off

# Fire protection for drains in ceilings and concrete flat roofs

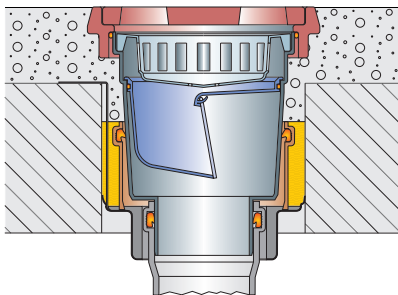
## DALLMER fire and sound-insulating collar – installation kit 4

used with car-parking deck drain bodies 606.0, 606.1, 616.0, 616.1, 616.0 DallBit and 616.1 Dallbit, DN 100 size.  
For F 30/60/90 rated floors.

### SPECIFICATION

- insertion element
- intumescent material
- built-in hangers
- mortar guard
- blanking plate

connects to:  
plastic pipework DN 100 with couplings,  
cast iron pipework DN 100 with DALLMER HT/SML pipe coupling DN 100/DN 100 (part no. 880062)

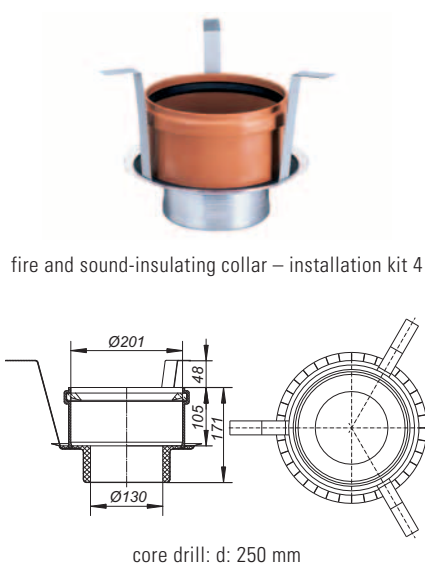


Installation kit 4  
with yard drain 606.1<sup>1)</sup>

Fire protection class R 30/60/90/120  
approval number Z-19.17-1547

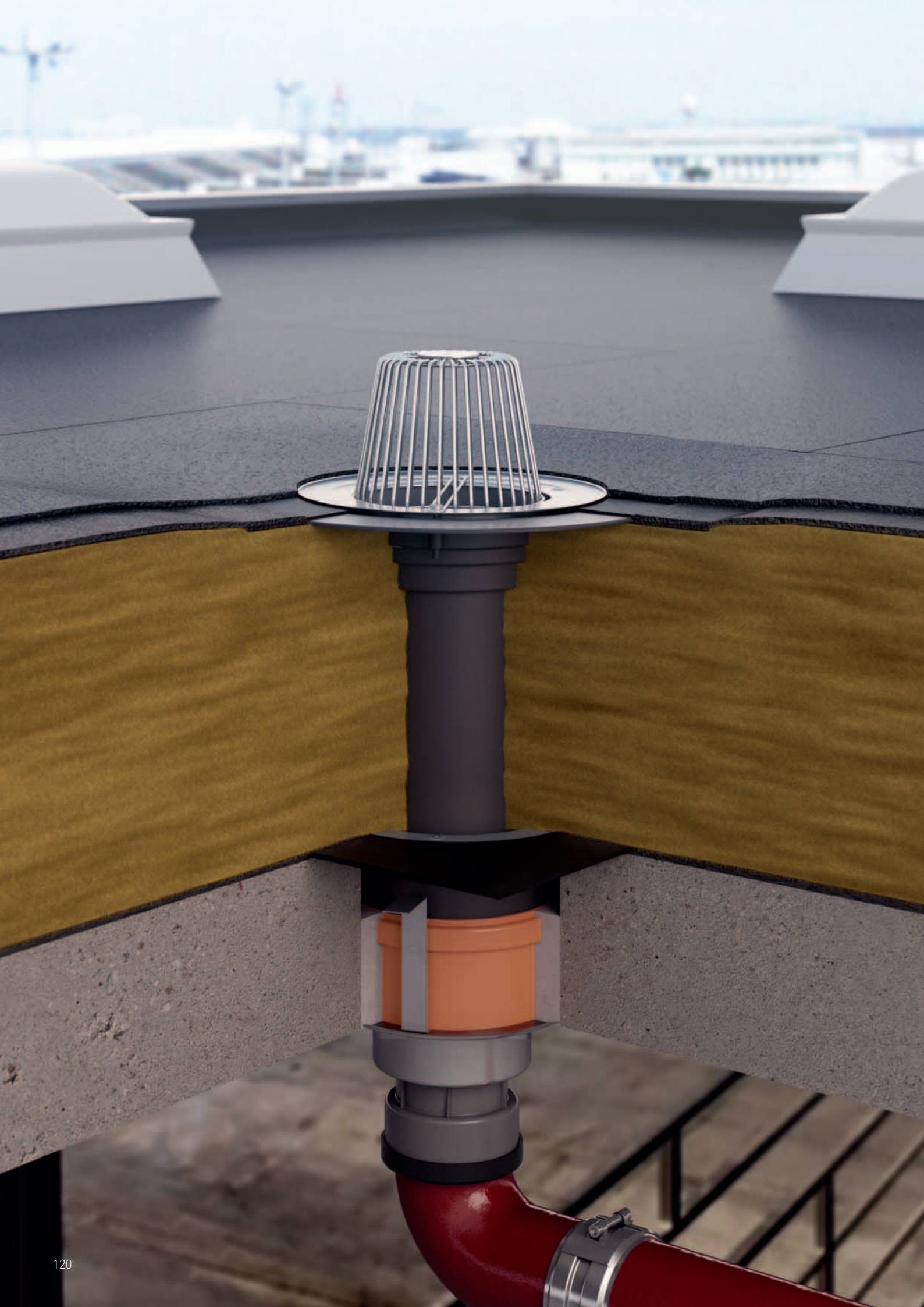
ITEM	DN	PART NO.
fire and sound-insulating collar – installation kit 4	DN 100	515049

<sup>1)</sup> For F 120 floors the supplied frost-proof flap-valve must be trap insert with bell trap (part.no. 864932)







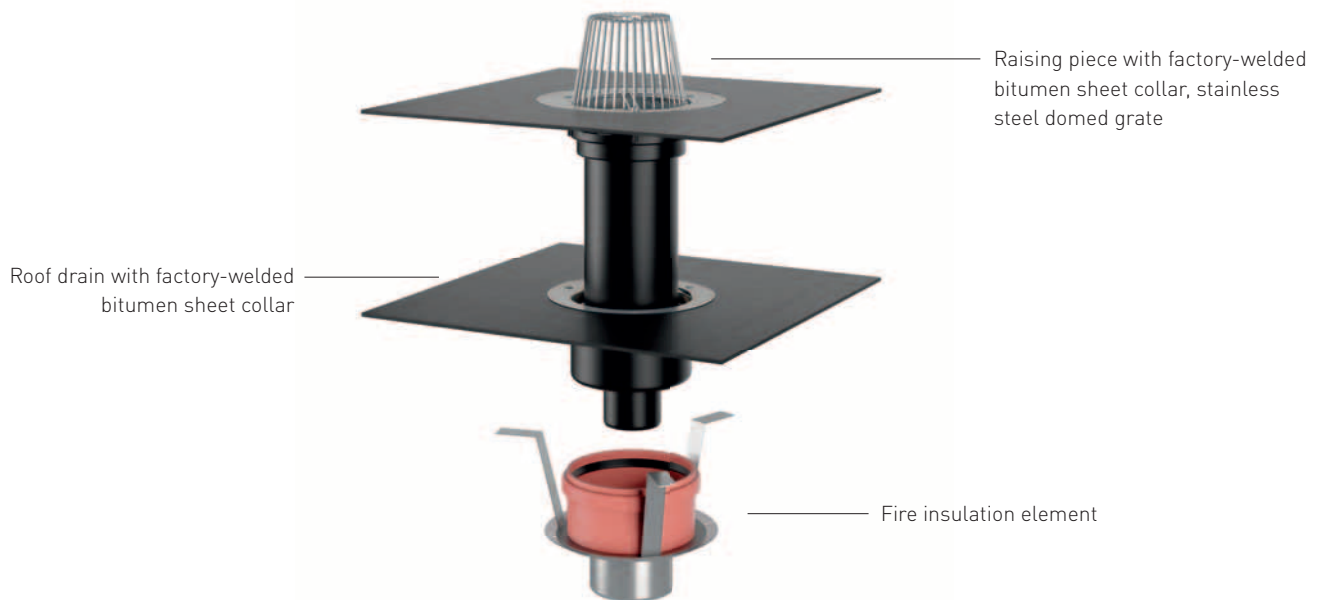


## Fire insulation for roof drains in concrete surfaces

If the roof drains and feed-throughs in ceilings with fire resistance duration requirements (F 30/60/90/120) are installed up to 5 m away from a rising external wall with openings, such as doors/windows, then it must be assumed that the components will be exposed to fire from above and below. The fire resistance duration of the feed-through must correspond to the fire resistance duration of the component in which it is installed.

### Technical information

Drainage rates vary according to drain version, connection type and water over grate  
With or without thermal insulation



### Fire insulation for roof drains in concrete surfaces R 30/60/90/120

Approval No.: Z-19.17-1800

Dallmer's certified fire insulation elements for flat roof drains offer the following:

- German national technical approval (Z-19.17-1800)
- A system solution in quality R 30/60/90/120
- Installation of roof drains in F 30 to F 120 ceilings
- Connection to all common roof membranes made of bitumen and plastic
- Installation without the need for tools or screws
- Back filling without the need for any lower formwork
- A galvanised metal disk as lower cover plate
- Ultra-low installation height



# Fire protection for drains in ceilings and concrete flat roofs

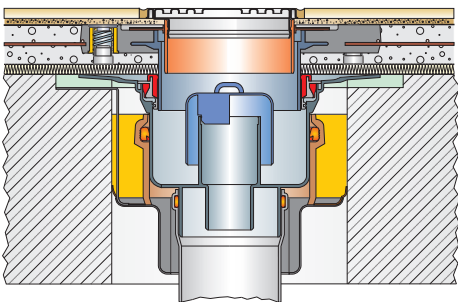
## DALLMER fire and sound-insulating collar – installation kit 5

used with floor drain bodies 61 HT, 61 HT DallBit, 61 HT PP-NIRO, 61 HT DallBit PP-NIRO, 61 GA, 61 GA DallBit in DN 100 size and type 62 H roof drains DN 70  
For F 30/60/90/120 rated floors.

### SPECIFICATION

- insertion element
- intumescent material
- built-in hangers
- mortar guard
- sound-insulating collar
- blanking plate

connects to:  
plastic pipework DN 100 with couplings (if used with types 61 HT),  
cast iron pipework DN 100 with Rapid-connectors (if used with types 61 GA)



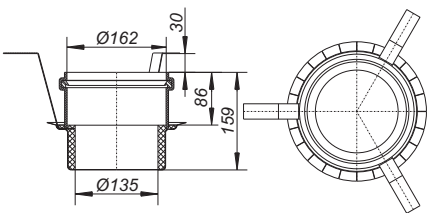
**Installation kit 5**  
with floor drain body 61 HT DN 100,  
CeraDrain collar S 15 and grating VC 15

Fire protection class R 30/60/90/120  
approval number Z-19.17-1543

ITEM	DN	PART NO.
fire and sound-insulating collar – installation kit 5	DN 70/DN 100	515056

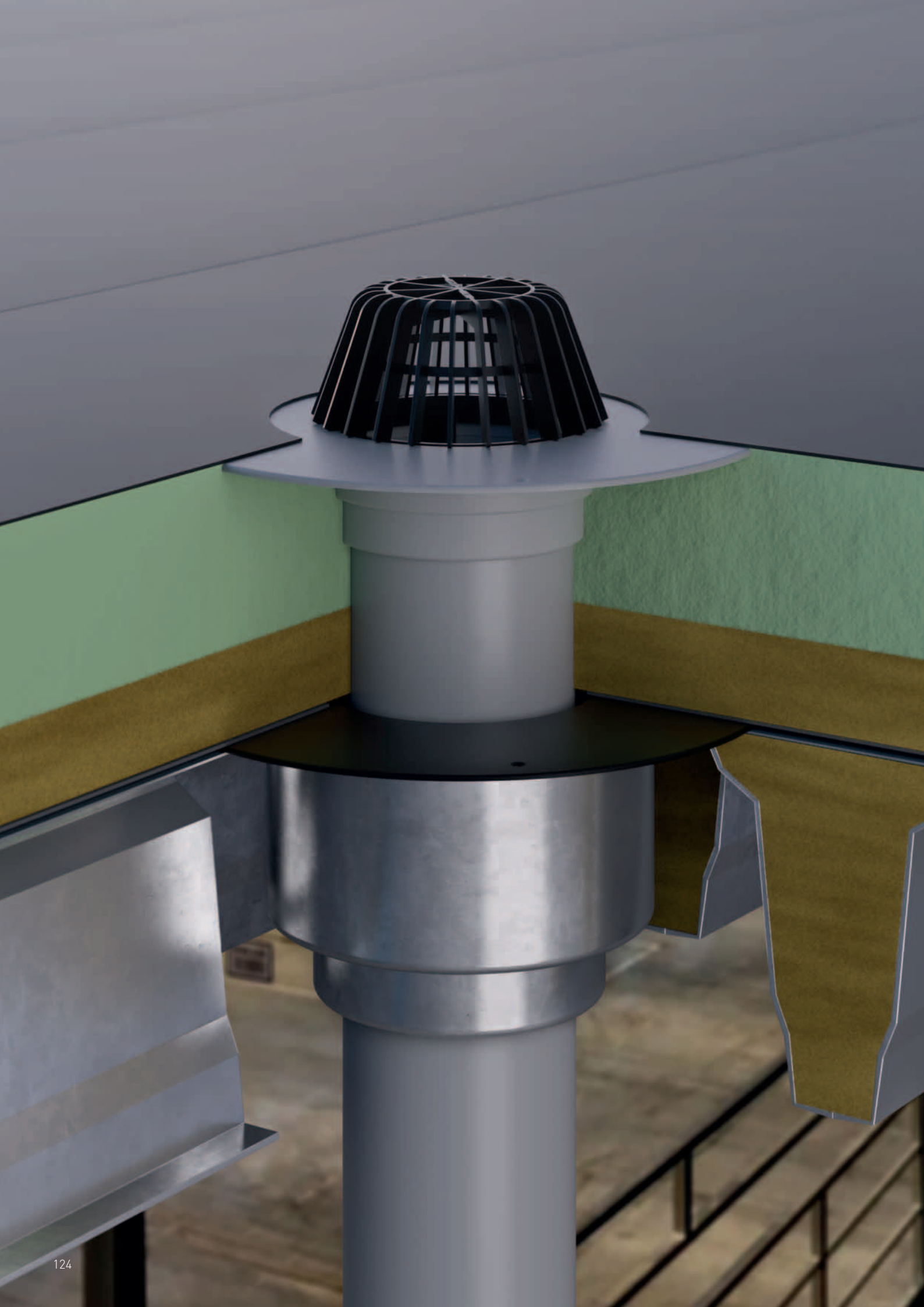


fire + sound-insulating collar – installation kit 5



core drill: d: 200 mm





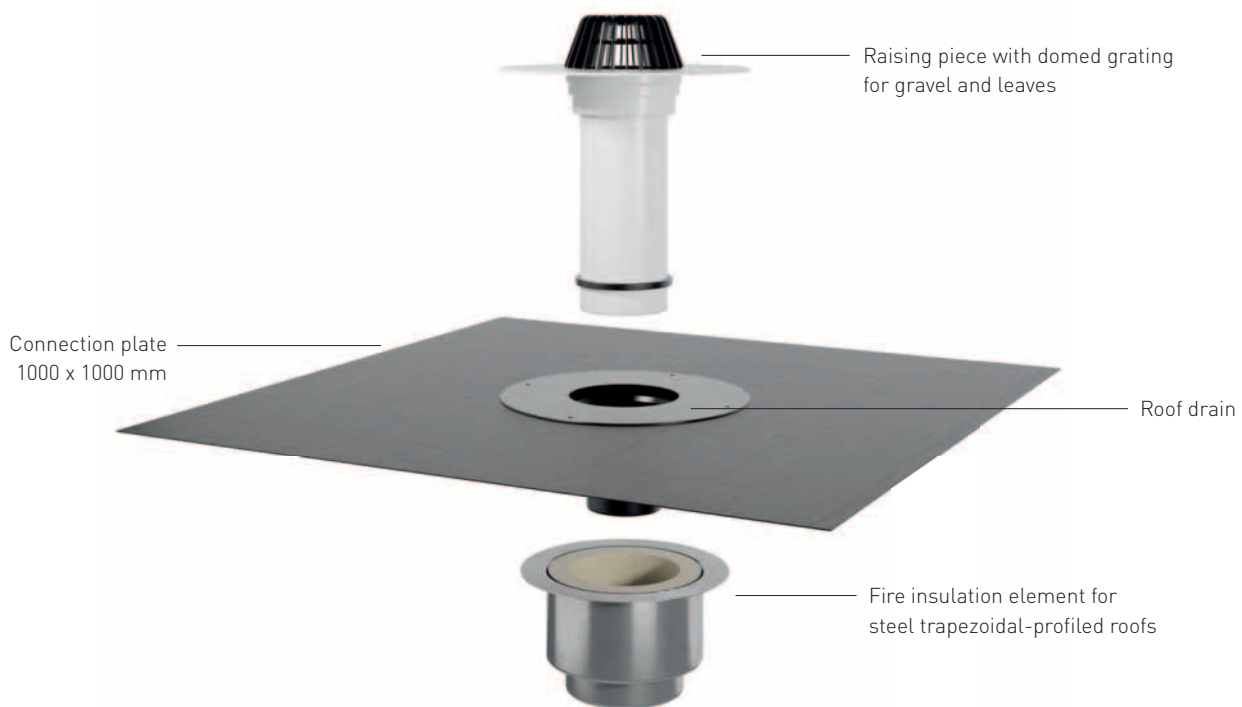
## Fire insulation for roof drains in steel trapezoidal-profiled roofs

In the construction sector, steel trapezoidal-profiled roofs are often used for large roof areas. They are lightweight, easy to handle and enable fast construction. In terms of fire insulation, they are subject to special provisions due to their geometric properties. These are regulated in DIN 18234 and are therefore generally binding. In such cases, the risk assessment is carried out by means of a system test of the overall roof structure and not just taking account of individual materials or components.

In this case, particular attention needs to be paid to feed-throughs, such as roof drains, in order to prevent the spread of fire via the roof. We have developed our new steel trapezoidal fire insulating elements 8, 9 and 10 specially for this type of roof structure. They are suspended in the steel trapezoidal structure and enable attachment of the insulating material to the drain body. The function elements based on Approval No. Z-19.17-1800 contain a swelling agent that swells up when exposed to high temperatures and reliably closes off the roof feed-throughs and seals them off from below.

### Technical information

Drainage rates vary according to drain version, connection type and water over grate  
With or without thermal insulation



### Important for roofers

Used in combination with the steel trapezoidal fire insulating elements 8, 9 and 10, our plastic roof drains 62 and SuperDrain 62 are also suitable for lightweight roofs in compliance with the applicable building regulations on fire safety for roof drainage. The tested and certified Dallmer systems ensure maximum safety for planners and installation engineers.

# Fire protection for roof drains in corrugated steel roof decks

## DALLMER fire protection kit 8 for corrugated steel roof deck

for fire-retarding installation of roof drains types 62 FPO/PVC DN 70 and types SuperDrain 62 FPO/PVC DN 70 conforming to DIN 18234-3.  
Functional component according abZ-Nr. Z.17-1800.

### SPECIFICATION

- intumescent material
- fire proofing insulation
- support plate 1000 x 1000 mm
- screws

connects to:

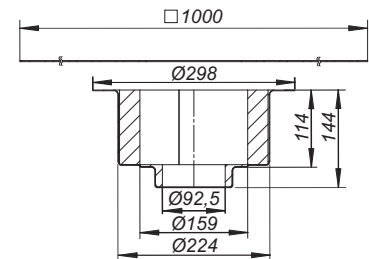
plastic pipework DN 70 with couplings

cast iron pipework DN 70 with DALLMER HT/SML pipe coupling DN 70/DN 70 (part no. 880048)

ITEM	PART NO.
fire protection kit 8 for corrugated steel roof deck	515131



fire protection kit 8 for corrugated steel roof deck



## DALLMER fire protection kit 9 for corrugated steel roof deck

for fire-retarding installation of roof drains types 62 FPO/PVC DN 90, DN 100 and types SuperDrain 62 PVC DN 90 conforming to DIN 18234-3.  
Functional component according abZ-Nr. Z.17-1800.

### SPECIFICATION

- intumescent material
- fire proofing insulation
- support plate 1000 x 1000 mm
- screws

connects to:

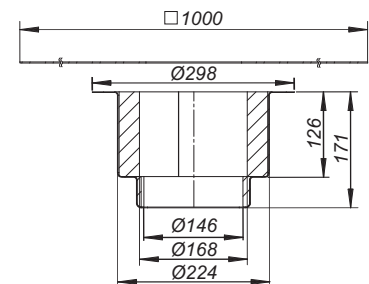
plastic pipework with couplings

cast iron pipework DALLMER HT/SML pipe coupling DN 100/DN 100 (part no. 880062)

ITEM	PART NO.
fire protection kit 9 for corrugated steel roof deck	515148



fire protection kit 9 for corrugated steel roof deck



# Fire protection for roof drains in corrugated steel roof decks

## DALLMER fire protection kit 10 for corrugated steel roof deck

for fire-retarding installation of roof drains types 62 FPO/PVC DN 125 conforming to DIN 18234-3.  
Functional component according abZ-Nr. Z.17-1800.

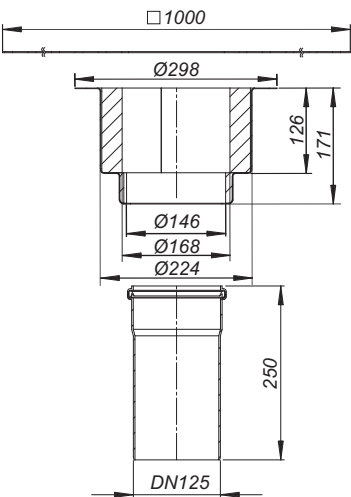
### SPECIFICATION

- intumescent material
- fire proofing insulation
- support plate 1000 x 1000 mm
- screws
- connecting pipe DN 125

ITEM	PART NO.
fire protection kit 10 for corrugated steel roof deck	515155



fire protection kit 10 for corrugated steel roof deck





# Overview of roof drains for gravity drainage with fire proofing collar according to DIN 4102 in concrete roofs

## Module 1

Roof drains  
DN 70

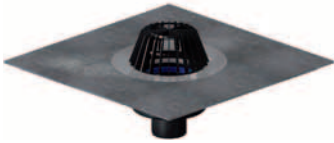
Roof drain type DN 70



Roof drain type 62 clamp ring

Dimension DN 70

Part no. 621047



Roof drain type 62 DallBit

Dimension DN 70

Part no. 622044

Roof drain type DN 70 heated version



Roof drain type 62 H clamp ring heated version

Dimension DN 70

Part no. 621146



Roof drain type 62 H DallBit heated version

Dimension DN 70

Part no. 622143



Roof drain type 62 PVC

Dimension DN 70

Part no. 623041



Roof drain type 62 FPO-PP

Dimension DN 70

Part no. 621641



Roof drain type 62 H PVC heated version

Dimension DN 70

Part no. 623140



Roof drain type 62 H FPO-PP heated version

Dimension DN 70

Part no. 621603



## Module 2

Fire and sound-  
insulating collar  
installation kits



approval number  
Z-19.17-1543

Fire and sound-insulating collar installation kit 1

Part no. 515018



approval number  
Z-19.17-1543

Fire and sound-insulating collar installation kit 5

Part no. 515056

## Module 3

### Accessories



Overflow adaptor 86.1

Dimension Ø 310 mm

Part no. 671394



Domed grating/Gravel guard stainless steel S 15

Dimension Ø 156 mm

Part no. 620934



Domed grating/Gravel guard type S 15

Dimension Ø 170 mm

Part no. 620996



Perforated collar/Gravel guard type S 15

Dimension Ø 170 mm

Part no. 590121



Perforated collar inverted roof

Dimension Ø 170 mm

Part no. 495938



Balcony grating type SES 15

Dimension 150 x 150 mm

Part no. 500304



Balcony grating type SEN 15

Dimension 150 x 150 mm

Part no. 500311



Balcony grating type GES 15

Dimension 200 x 200 mm

Part no. 500328



Grating for "green" roofs

Dimension 200 x 200 mm

Part no. 620958



Drainage raising piece

Dimension 362 x 362 mm

Part no. 620965

## Module 4

### Raising pieces



Raising piece 630 clamp ring

Part no. 621580



Raising piece 630 DallBit (waterproofing collar)

Part no. 622587



Raising piece 630 PVC

Part no. 623584



Raising piece 630 FPO-PE

Part no. 621573



Raising piece 630 FPO-PP

Part no. 671226

Note: raising piece can be shortened for thermal insulation from 50 to 250 mm

# Overview of roof drains for gravity drainage with fire proofing collar according to DIN 18234 in corrugated steel roof decks

## Module 1

### Roof drains

Roof drain DN 70



Roof drain 62 PVC  
Dimension DN 70

Part no. 623041

Roof drain 62 H PVC  
heated version  
Dimension DN 70

Part no. 623140

Roof drain DN 90 / DN 100



Roof drain 62 PVC  
Dimension DN 100

Part no. 623065

Roof drain 62 H PVC  
heated version  
Dimension DN 100

Part no. 623164

Roof drain DN 125



Roof drain 62 PVC  
Dimension DN 125

Part no. 623089

Roof drain 62 H PVC  
heated version  
Dimension DN 125

Part no. 623188



Roof drain 62  
FPO-PP  
Dimension DN 70

Part no. 621641

Roof drain 62 H  
FPO-PP heated version  
Dimension DN 70

Part no. 621603



Roof drain 62  
FPO-PP  
Dimension DN 90

Part no. 621658

Roof drain 62 H  
FPO-PP heated version  
Dimension DN 90

Part no. 621023



Roof drain 62  
FPO-PP  
Dimension DN 125

Part no. 621689

Roof drain 62 H  
FPO-PP heated version  
Dimension DN 125

Part no. 621634



Roof drain 62  
FPO-PP  
Dimension DN 100

Part no. 621665

Roof drain 62 H  
FPO-PP heated version  
Dimension DN 100

Part no. 621627

+  
plus

+  
plus

+  
plus

## Module 2

### Fire and sound-insulating collar installation kits



Fire-protection kit 8  
for profiled steel roof deck  
Dimension DN 70

Part no. 515131



Fire-protection kit 9  
for profiled steel roof deck  
Dimension DN 90 / DN 100

Part no. 515148



Fire-protection kit 10  
for profiled steel roof deck  
Dimension DN 125

Part no. 515155

## Module 3

### Overflow adaptor



Overflow adaptor

Dimension Ø310 mm

Part no. 671394

## Module 4

### Raising pieces



Raising piece 630  
clamp ring

Part no. 621580



Raising piece 630 DallBit  
(waterproofing collar)

Part no. 622587



Raising piece 630  
PVC

Part no. 623584



Raising piece 630  
FPO-PE

Part no. 621573



Raising piece 630  
FPO-PP

Part no. 671226

Note: raising piece can be shortened for thermal insulation from 50 to 250 mm

# Overview of roof drains for siphonic roof drainage with fire proofing collar according to DIN 4102 in concrete roofs

## Module 1

### Roof drains

#### Roof-/Overflow drain DN 70



Roof drain  
SuperDrain 62  
clamp ring  
Dimension DN 70

Part no. 671233



Roof drain  
SuperDrain 62  
DallBit  
Dimension DN 70

Part no. 671257

#### Roof-/Overflow drain DN 70 heated version



Roof drain  
SuperDrain 62 H  
clamp ring  
Dimension DN 70

Part no. 671240



Roof drain  
SuperDrain 62 H  
DallBit  
Dimension DN 70

Part no. 671264



Roof drain  
SuperDrain 62  
PVC  
Dimension DN 70

Part no. 671479



Roof drain  
SuperDrain 62  
FPO-PP  
Dimension DN 70

Part no. 671103



Roof drain  
SuperDrain 62 H  
PVC  
Dimension DN 70

Part no. 671134



Roof drain  
SuperDrain 62 H  
FPO-PP  
Dimension DN 70

Part no. 671462

### Overflow drains



Overflow drain  
SuperDrain 62  
clamp ring  
Dimension DN 70

Part no. 671608



Overflow drain  
SuperDrain 62  
DallBit  
Dimension DN 70

Part no. 671585



Overflow drain  
SuperDrain 62 H  
clamp ring  
Dimension DN 70

Part no. 671615



Overflow drain  
SuperDrain 62 H  
DallBit  
Dimension DN 70

Part no. 671592



Overflow drain  
SuperDrain 62  
PVC  
Dimension DN 70

Part no. 671561



Overflow drain  
SuperDrain 62  
FPO-PP  
Dimension DN 70

Part no. 671523



Overflow drain  
SuperDrain 62 H  
PVC  
Dimension DN 70

Part no. 671578



Overflow drain  
SuperDrain 62 H  
FPO-PP  
Dimension DN 70

Part no. 671547



## Module 2

### Fire and sound-insulating collar installation kits



approval number  
Z-19.17-1543

Fire and sound-insulating  
collar installation kit 1

Part no. 515018



HT/SML-pipe coupling  
DN 70/DN 70 SML

Part no. 880048

For alternative pipe  
couplings, please select  
installation kit 5.



approval number  
Z-19.17-1543

Fire and sound-insulating collar installation kit 5

Part no. 515056

## Module 3

### Raising pieces



Raising piece 630  
clamp ring

Part no. 621580



Raising piece 630 DallBit  
(waterproofing collar)

Part no. 622587



Raising piece 630  
PVC

Part no. 623584



Raising piece 630  
FPO-PE

Part no. 621573



Raising piece 630  
FPO-PP

Part no. 671226

Note: raising piece can be shortened for  
thermal insulation from 50 to 250 mm



# Overview of roof drains for siphonic roof drainage with fire proofing collar according to DIN 18234 in corrugated steel roof decks

## Module 1

Roof drains

Roof-/Overflow drain DN 70



Roof drain  
SuperDrain 62  
PVC  
Dimension DN 70

Part no. 671479



Roof drain  
SuperDrain 62 H  
PVC heated version  
Dimension DN 70

Part no. 671134



Roof drain  
SuperDrain 62  
FPO-PP  
Dimension DN 70

Part no. 671103



Roof drain  
SuperDrain 62 H  
FPO-PP heated version  
Dimension DN 70

Part no. 671462

Roof-/Overflow drain DN 90



Roof drain  
SuperDrain 62  
FPO-PP  
Dimension DN 90

Part no. 671509



Roof drain  
SuperDrain 62 H  
FPO-PP heated version  
Dimension DN 90

Part no. 671516

Overflow drains



Overflow drain  
SuperDrain 62  
PVC  
Dimension DN 70

Part no. 671561



Overflow drain  
SuperDrain 62 H  
PVC heated version  
Dimension DN 70

Part no. 671578



Overflow drain  
SuperDrain 62  
FPO-PP  
Dimension DN 70

Part no. 671523



Overflow drain  
SuperDrain 62 H  
FPO-PP heated version  
Dimension DN 70

Part no. 671547



Overflow drain  
SuperDrain 62  
FPO-PP  
Dimension DN 90

Part no. 671530



Overflow drain  
SuperDrain 62 H  
FPO-PP heated version  
Dimension DN 90

Part no. 671554

+  
plus

+  
plus

## Module 2

Fire and sound-insulating collar installation kits



Fire-protection kit 8  
for profiled steel roof deck  
Dimension DN 70

Part no. 515131



Fire-protection kit 9  
for profiled steel roof deck  
Dimension DN 90/ DN 100

Part no. 515148

## Module 3

### Raising pieces



Raising piece 630  
clamp ring

Part no. 621580



Raising piece 630 DallBit  
(waterproofing collar)

Part no. 622587



Raising piece 630  
PVC

Part no. 623584



Raising piece 630  
FPO-PE

Part no. 621573



Raising piece 630  
FPO-PP

Part no. 671226

Note: raising piece can be shortened for  
thermal insulation from 50 to 250 mm

# Flow rate in l/s tested to DIN EN 1253

GRAVITY ROOF DRAINAGE										
ROOF DRAINS	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN							
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm	75 mm
Roof drain 62 clamp ring/DallBit	DN 70 vertical	1,7 (35 mm)	0,90	3,50	6,80	9,90	13,20	15,00	15,10	15,20
"	DN 100 vertical	4,5 (35 mm)	1,00	4,10	7,30	10,70	14,50	18,30	23,20	29,40
"	DN 125 vertical	7,0 (45 mm)	1,00	4,10	6,90	10,20	14,00	17,70	22,40	27,70
"	DN 150 vertical	8,1 (45 mm)	1,00	4,20	7,10	10,30	14,10	18,00	22,60	28,40
Roof drain 62 PVC/FPO	DN 70 vertical	1,7 (35 mm)	0,55	2,30	4,50	7,40	10,60	12,85	16,30	16,30
"	DN 90 vertical	4,5 (35 mm)	0,65	2,50	5,00	7,90	11,50	15,30	19,40	22,10
"	DN 100 vertical	4,5 (35 mm)	0,65	2,50	5,00	7,85	11,45	15,20	19,20	23,60
"	DN 125 vertical	7,0 (45 mm)	0,60	2,50	4,90	7,50	10,75	14,40	18,70	23,10
"	DN 150 vertical	8,1 (45 mm)	0,55	2,55	4,95	7,70	11,10	14,50	18,20	23,60
Roof drain 64 clamp ring/DallBit	DN 70 horizontal	1,7 (35 mm)	0,90	3,80	6,00	10,00	13,50	16,50	16,70	16,80
"	DN 100 horizontal	4,5 (35 mm)	0,90	3,80	5,10	6,00	6,50	6,50	6,50	6,50
Roof drain 64 PVC/FPO	DN 70 horizontal	1,7 (35 mm)	0,65	2,50	4,40	6,90	10,30	13,60	17,15	17,60
"	DN 100 horizontal	4,5 (35 mm)	0,60	2,70	5,10	7,80	11,40	15,25	19,40	24,20
ROOF DRAINS FOR SMALL AREAS	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN							
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm	75 mm
Roof drain 83 D	DN 50 horizontal	0,9 (35 mm)	0,60	1,00	1,10	1,20	1,30	1,40	1,40	1,50
"	DN 70 horizontal	1,7 (35 mm)	0,90	2,20	4,20	5,50	7,20	9,40	12,80	16,00
Roof drain 84 D	DN 50 vertical	0,9 (35 mm)	0,90	2,40	3,70	4,40	5,40	5,50	5,70	5,80
"	DN 70 vertical	1,7 (35 mm)	0,90	2,20	3,80	4,90	6,80	9,00	12,00	14,60
"	DN 100 vertical	4,5 (35 mm)	0,90	2,10	4,20	5,70	7,20	9,50	12,60	17,00
OVERFLOW DRAINS	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN							
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm	
overflow adaptor 86.1 with roof Drains 62 and 64 (downpipe = 3 m)										
62 clamp ring/DallBit/PVC/FPO	DN 70 vertical	1,7 (35 mm)	0,80	3,60	5,90	8,70	12,10	14,80	15,00	
"	DN 100 vertical	4,5 (35 mm)	0,90	3,80	6,40	9,10	12,20	15,80	20,10	
"	DN 125 vertical	7,0 (45 mm)	0,90	3,80	6,20	9,10	12,10	15,70	20,00	
"	DN 150 vertical	8,1 (45 mm)	0,90	3,70	6,50	9,30	12,80	16,50	21,50	
64 clamp ring/DallBit/PVC/FPO	DN 70 horizontal	1,7 (35 mm)	0,70	3,90	6,10	8,80	11,10	15,00	17,50	
"	DN 100 horizontal	4,5 (35 mm)	0,90	3,70	6,40	8,90	12,10	15,90	20,10	
overflow adaptor 86.1 with roof Drains 62 and 64 (free drainage)										
62 clamp ring/DallBit/PVC/FPO	DN 70 vertical	1,7 (35 mm)	0,90	3,20	5,40	5,40	5,50	5,60	5,70	
"	DN 100 vertical	4,5 (35 mm)	0,80	3,20	5,50	8,10	9,60	10,10	10,50	
"	DN 125 vertical	7,0 (45 mm)	1,10	3,70	6,00	8,50	11,60	13,90	14,40	
"	DN 150 vertical	8,1 (45 mm)	0,80	3,20	5,80	8,10	9,20	10,20	11,00	
64 clamp ring/DallBit	DN 70 horizontal	1,7 (35 mm)	1,20	3,60	5,40	5,60	5,70	5,90	6,00	
"	DN 100 horizontal	4,5 (35 mm)	0,80	3,30	4,10	4,20	4,30	4,40	4,50	
64 PVC/FPO	DN 70 horizontal	1,7 (35 mm)	1,20	3,60	5,40	5,60	5,80	6,00	6,30	
"	DN 100 horizontal	4,5 (35 mm)	1,10	3,80	6,00	7,00	7,30	7,50	7,70	
POWER-OVERFLOW DRAINS	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN							
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm	
Power-Overflow drain 86 D (free drainage)	DN 70 horizontal	1,7 (35 mm)	1,00	3,80	3,90	4,10	4,20	4,30	4,50	
Power-Overflow drain 86 D (downpipe = 3 m)	DN 70 horizontal	1,7 (35 mm)	0,70	3,20	7,30	12,00	15,60	16,00	16,00	
POWER-ROOF DRAINS	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN							
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm	
Power-Roof drain 86 D (free drainage)	DN 70 horizontal	1,7 (35 mm)	1,00	3,80	3,90	4,10	4,20	4,30	4,50	
Power-Roof drain 86 D (downpipe = 3 m)	DN 70 horizontal	1,7 (35 mm)	0,70	3,20	7,30	12,00	15,60	16,00	16,00	

# Flow rate in l/s tested to DIN EN 1253

GRAVITY ROOF DRAINAGE										
RENOVA-ROOF DRAINS	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN							
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm	75 mm
Renova-roof drain 63 T DallBit	DN 70 vertical	1,7 (35 mm)	0,60	2,10	3,50	6,10	9,60	11,80	13,30	13,40
"	DN 100 vertical	4,5 (35 mm)	0,70	2,50	4,60	7,50	10,40	13,50	17,90	22,50
"	DN 125 vertical	7,0 (45 mm)	0,70	2,40	4,20	6,90	9,40	12,60	16,50	20,10
"	DN 150 vertical	8,1 (45 mm)	1,00	4,30	7,40	10,70	15,00	19,00	23,70	29,80
Renova-roof drain 63 T FPO-PP	DN 70 vertical	1,7 (35 mm)	0,60	2,10	3,50	6,10	9,60	11,80	13,30	13,40
"	DN 100 vertical	4,5 (35 mm)	0,70	2,50	4,60	7,50	10,40	13,50	17,90	22,50
"	DN 125 vertical	7,0 (45 mm)	0,70	2,40	4,20	6,90	9,40	12,60	16,50	20,10
Renova-roof drain 63 T clamp ring	DN 70 vertical	1,7 (35 mm)	0,80	3,60	6,80	9,70	12,90	13,30	13,50	13,60
"	DN 100 vertical	4,5 (35 mm)	0,90	3,90	6,90	9,60	12,50	15,50	17,50	22,30
"	DN 125 vertical	7,0 (45 mm)	0,90	4,30	7,50	10,90	14,20	18,50	23,00	24,30
"	DN 150 vertical	8,1 (45 mm)	1,00	4,30	7,40	10,70	15,00	19,00	23,70	29,80
Renova-roof drain 63 T PVC	DN 70 vertical	1,7 (35 mm)	0,80	2,70	4,90	7,90	11,00	13,30	13,50	13,60
"	DN 100 vertical	4,5 (35 mm)	0,80	2,80	5,10	8,10	11,70	15,50	19,00	23,90
"	DN 125 vertical	7,0 (45 mm)	0,80	2,80	5,20	8,30	11,80	15,50	19,50	24,00
"	DN 150 vertical	8,1 (45 mm)	0,80	2,50	5,00	8,00	11,30	14,80	18,90	23,70
Renova-roof drain 84	DN 70 vertical	1,7 (35 mm)	0,50	2,10	3,60	4,90	6,40	8,60	11,40	11,80
"	DN 100 vertical	4,5 (35 mm)	0,50	2,60	4,60	6,20	7,80	10,50	14,20	17,30

COMPLETE BALCONY DRAINS	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN			
			5 mm	15 mm	25 mm	35 mm
Balcony drain 83 E	DN 50 horizontal	0,9 (35 mm)	0,40	1,20	1,60	1,60
"	DN 70 horizontal	1,7 (35 mm)	0,40	1,10	1,60	1,90
Balcony drain 84 E	DN 50 vertical	0,9 (35 mm)	0,40	1,30	2,50	2,50
"	DN 70 vertical	1,7 (35 mm)	0,40	1,40	2,00	2,00

BALCONY DRAIN BODIES	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN							
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm	75 mm
Balcony drain bodies 83, 83 DallBit, 83 KF oder 83 FPO	DN 50 horizontal	0,9 (35 mm)	0,60	1,00	1,10	1,20	1,30	1,40	1,40	1,50
"	DN 70 horizontal	1,7 (35 mm)	0,90	2,20	4,00	5,50	7,20	9,40	12,80	16,00
Balcony drain bodies 84, 84 DallBit, 84 KF oder 84 FPO	DN 50 vertical	0,9 (35 mm)	0,90	2,40	3,70	4,40	5,40	5,50	5,70	5,80
"	DN 70 vertical	1,7 (35 mm)	0,90	2,20	3,80	4,90	6,80	9,00	12,00	14,60
"	DN 100 vertical	4,5 (35 mm)	0,90	2,10	4,20	5,70	7,20	9,50	12,60	17,00

SIPHONIC/OVERFLOW ROOF DRAINAGE										
ROOF DRAINS SUPERDRAIN	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN							
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm	75 mm
SuperDrain 62 clamp ring/DallBit	DN 70 vertical	12,0 (55 mm)	0,60	2,50	5,00	10,60	16,80	17,40	17,40	17,40
SuperDrain 62 PVC/FPO-PP	DN 70 vertical	12,0 (55 mm)	0,70	2,45	4,85	10,95	16,75	17,40	17,40	17,40
"	DN 90 vertical	18,0 (55 mm)	0,80	2,40	4,30	10,40	16,30	22,30	22,30	22,30
SuperDrain 64 clamp ring/DallBit	DN 70 horizontal	12,0 (55 mm)	0,60	2,10	4,40	9,90	16,25	18,70	18,70	18,70
SuperDrain 64 PVC/FPO	DN 70 horizontal	12,0 (55 mm)	0,45	1,85	3,90	9,15	15,80	18,40	18,40	18,40

OVERFLOW DRAINS SUPERDRAIN	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN						
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm
Overflow drain SuperDrain 62 clamp ring/DallBit	DN 70 vertical	12,0 (55 mm)	0,70	3,40	6,70	11,20	17,30	17,40	17,40
Overflow drain SuperDrain 62 PVC/FPO-PP	DN 70 vertical	12,0 (55 mm)	0,70	3,40	6,60	11,10	17,20	17,30	17,30
"	DN 90 vertical	18,0 (55 mm)	0,80	3,30	6,50	11,20	17,10	22,00	22,00
Overflow drain SuperDrain 64 clamp ring/DallBit	DN 70 horizontal	12,0 (55 mm)	0,90	3,80	7,30	12,10	18,00	18,70	18,70
Overflow drain SuperDrain 64 PVC/FPO-PP	DN 70 horizontal	12,0 (55 mm)	0,80	3,80	7,30	12,20	18,40	18,50	18,50

POWER OVERFLOW DRAIN 86 D	DIMENSION	DIN EN 1253	WATER LEVEL OVER DRAIN					
			5 mm	15 mm	25 mm	35 mm	45 mm	55 mm
Power-Overflow drain 86 D (downpipe=4,2m)	DN 70 horizontal	12,0 (55 mm)	0,70	3,80	7,50	12,10	17,70	17,90

# Dallmer – a tradition for innovation

*From workshop to a top architect brand*



Founded 100 years ago as an engraving house in Arnsberg, Dallmer has evolved from a simple workshop to a top architect brand for building drainage. The high-grade product range comprises all kinds of drainage systems, shower channels, waterproofings and seals, urinal systems, fire safety and soundproofing systems, and special yard,

cellar, roof, parking level and balcony drains. The guiding principle of this fourth-generation family business is: maximum functionality, top material quality and exceptional design. This is why Dallmer continues to set innovative benchmarks in the world of modern bathroom architecture.







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Dallmer Ltd.  
4 Norman Way  
Lavenham, Sudbury  
Suffolk CO10 9PY  
United Kingdom

T +44 1787 248244  
F +44 1787 248246  
E [info@dallmer.com](mailto:info@dallmer.com)  
W [www.dallmer.com](http://www.dallmer.com)