



Classical Cast iron rainwater pipe and gutter systems

- Half Round • Beaded • Deep Half Round • Ogee • Moulded
- Notts OG • Round Pipes & Fittings • Rectangular Pipes & Fittings

Classical cast iron rainwater pipe and gutter systems



Saint-Gobain PAM manufactures the Classical range of traditional rainwater and gutter systems designed in accordance with BS 460:2002+A2:2007. Cast iron gutters and downpipes have been manufactured at the Telford site for over 100 years servicing the housing and construction markets, recognised for their aesthetic charm, strength to withstand high winds, heavy snow, and vandalism and above all their long life capabilities.

No other material can match the character, durability, strength or appeal of cast iron and—most importantly—only cast iron can preserve the intentions of the original architect and the aesthetic integrity of the building.

Applications

- Listed and traditional properties
- Ecclesiastical buildings i.e. Churches
- Homes of high quality and appearance
- Farm buildings and barn conversions
- Public Houses
- Railway buildings
- Self-build homes of character
- Properties in conservation areas
- Pre-1960 homes—refurbishment
- Inner city buildings
- Sport/recreation buildings

Benefits

- **Strength**
 - > High resistance to impact (accidental and vandalism) a major consideration for inner cities, town shopping precincts and schools etc.
 - > Secure against—heavy snow falls and high winds
 - > Rigidity to comfortably accommodate the weight of ladders for routine maintenance
 - > The physical properties of cast iron will be sustained throughout its life (provided adequately painted and maintained)
- **Acoustics**
 - > Will not rattle in high winds
 - > Will not twist/creak due to temperature changes
 - > Excellent sound deadening properties—therefore no significant sound of running or dripping water disturbing the peace
- **Appearance**
 - > Cast iron has aesthetic charm that simply cannot be matched by other materials
 - > Retains and enhances the traditional character of the building
 - > Can be painted any colour to match building
 - > Enhances perception of the value to the property
 - > Many profiles to match virtually all architectural styles
- **Longevity**
 - > Naturally durable up to 100 years
- **Far more cost effective over longer term**
 - lasting 5 times that of plastic look-a-like systems (assuming they last 20 years)
 - > Cost effective in long term
 - > Minimal maintenance: If installed correctly to the manufacturer's recommendations (refer to Installation Guide), cast iron systems should require little structural maintenance throughout their life only periodical painting approximately every 5 years or longer (depending on location and climatic conditions)
- **Green material**
 - > Manufactured from up to 97% recycled content
 - > 100% recyclable at the end of its long life—indeinitely
 - > Eliminates unnecessary replacement and waste—NO LANDFILL LEGACY
 - > Profile designs have changed little over the years. Therefore new components can easily be integrated into existing systems, avoiding costs of complete replacement



Why Choose Cast Iron?

The material properties of cast iron have long been recognised and it is these which make it particularly suitable for the rainwater systems of listed buildings and wherever conservation is an issue.

Revised Planning Practice Guide PPS5 for Historic Environment.

The Department and Local Government, and English Heritage advises:

- A change from original materials usually requires building consent
- Point 189 supports the use of materials appropriate to the relevant period, such as cast iron for gutters and downpipes for many Georgian and Victorian buildings

Delivery Service Category (DSC) timescales

Saint-Gobain PAM provide a product availability structure for all its products to enable contractors and distributors to plan supply more effectively on projects.

The products are categorised as follows and are shown against each product in the price list tables.

Category	Description	Within Working Days
A	Products manufactured for ex-stock availability. Any out-of-stock situation should be quickly resolved.	5
B	Products manufactured and a stock level will be held based on average demand.	5-15
C	Products generally of lower demand—some stock may be held or made to order.	15-30

Look for the DSC key at the top of the left hand pages:
A =5 B =5-15 C =15-30

If there is a product you require faster than the time-scale above please call our sales team on 0115 930 0681.

Classical Rainwater

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 PRIMED
  PLUS COATED
 All other Plus products coated to order

Range

Classical gutter profiles available

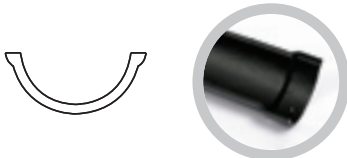
- Half Round sizes: 100mm (4"), 115mm (4.5"), 125mm (5") and 150mm (6")



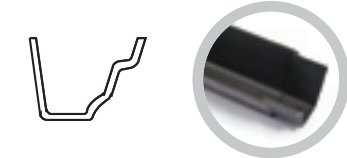
- Deep Half Round: 100mm x 75mm (4" x 3"), 125mm x 75mm (5" x 3")



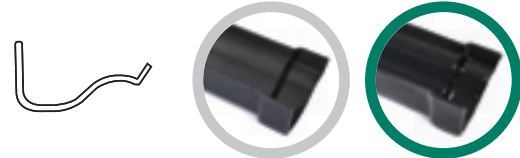
- Beaded Half Round: 100mm (4"), 115mm (4.5") and 125mm (5")



- Moulded: 100mm x 75mm (4"x3") 125mm x 100mm (5"x4") and 150mm x 100mm (6"x4")



- Ogee: 100mm (4"), 115mm (4.5") and 125mm (5")



- Notts Ogee: 115mm (4.5")



Rainwater pipe profiles

- Circular pipes: 65mm (2.5"), 75mm (3") and 100mm (4")

No Eared

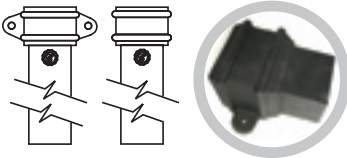


Eared



- Rectangular: 100mm (4") x 75mm (3")

Eared No Eared



STANDARD CLASSICAL FINISH

All standard Classical products are supplied in a black water based primer coating for on-site painting to the colour of your choice. Ensure use an appropriate paint that is suitable for overpainting a water based primer. A paint often used by approved installers is Bradite.



For further information please scan this QR Code with your phone or visit www.pamdrainage.co.uk or call our Internal Sales Team on 0115 930 0681.

CLASSICAL PLUS

Classical cast iron rainwater and gutter systems supplied in high performance black semi-gloss finished coat for immediate installation.

Coating:

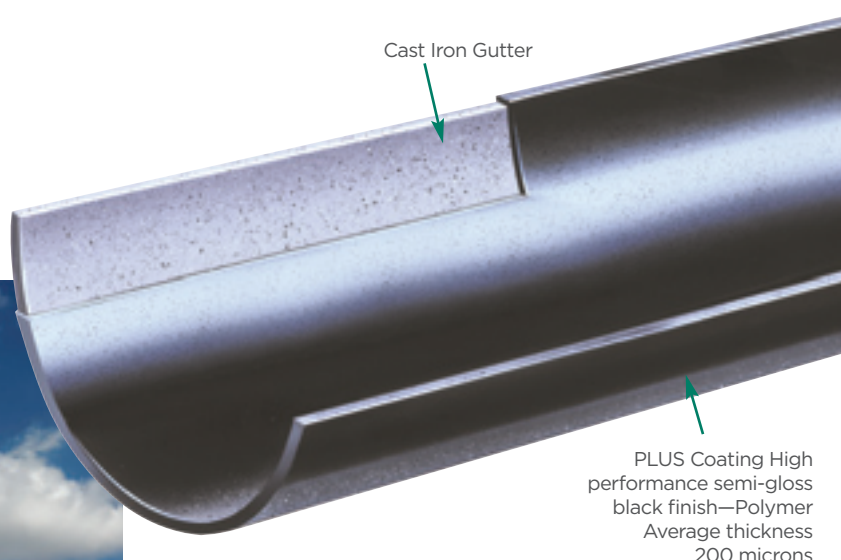
- High performing Polymer Powder Alloy (PPA571)
- Black semi-gloss RAL 9005 700 as standard to an average thickness of 200 microns
- Black as standard available on half round and ogee gutters and circular downpipe systems from stock. Other profiles to order.
- Classical products coated in PPA571 have been salt spray and ultra-violet resistance tested for up to 1500 hours
- This test is an indicator only used in the automotive industry and is particularly aggressive and so difficult to relate to paint life expectancy

The range is supplied in finished coat for immediate installation. When installation is complete it is important to inspect and any slight damage to the coating is repaired with the touch-up paint available product code 192549 (primer) and 192550 (topcoat). Also any pipe/gutter cut ends will need to be repainted.

- Product is supplied wrapped to protect from damage.

Benefits

- Finished product for immediate installation
- No painting on site
- Reduces total installed time by up to 60%
- Factory applied coating to a consistent standard
- When used with gutter jointing kits installation can be completed in a day
- Recognised paint system for the coating of metal for external applications



TECHNICAL POINTS

- PAM will not supply Classical Plus to properties located within 5 miles of the sea coast. PAM recommends cast iron is painted on site using a high quality paint for coastal regions.
- The expectation of performance will depend on:
 - > Colour chosen (white will highlight any imperfection in the coating)
 - > A Sufficient paint system has been applied before installation
 - > Undercoat / Topcoat
 - > 3 x layers would be recommended on top of primer coat
 - > All damage to paint surface during installation must be adequately made good on completion

DESCRIPTION	COATING	SIZE Ø mm											
		100			115			125			150		
		PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £

HALF ROUND GUTTER AND CONNECTIONS

Half Round Gutter 1.83m length – Pack size 1 (100mm = 6.2kg, 115mm = 7.4kg, 125mm = 8.3kg & 150mm = 10.4kg) **G800**



PLUS	192551	A	62.22	192552	A	68.07	192553	A	79.28	192554	A	122.04
PRIMED	192191	A	49.84	192192	A	51.95	192193	A	60.81	192194	A	100.44

90° Angle Double Socket – Pack size 1 (100mm = 1.1kg, 115mm = 1.3kg & 125mm = 1.5kg) **G802D**



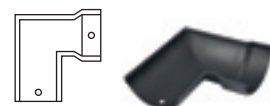
PLUS	192566	C	28.79	192567	C	30.23	192568	B	37.54	–	–	–
PRIMED	192224	B	25.16	192225	A	26.69	192226	B	34.60	–	–	–

90° Right-Hand Angle – Pack size 1 (100mm = 0.9kg, 115mm = 1.3kg, 125mm = 1.4kg & 150mm = 2.0kg) **G801**



PLUS	192500	C	24.73	192502	C	25.31	192504	C	28.86	192506	C	72.97
PRIMED	192004	A	20.82	192006	A	21.38	192008	C	25.18	192010	C	46.07

90° Left-Hand Angle – Pack size 1 (100mm = 0.9kg, 115mm = 1.3kg, 125mm = 1.4kg & 150mm = 2.0kg) **G802**



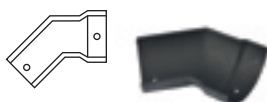
PLUS	192508	C	24.73	192510	C	25.31	192512	C	28.86	192514	C	72.97
PRIMED	192012	B	20.82	192014	A	21.38	192016	B	25.18	192018	C	46.07

135° Right-Hand Angle – Pack size 1 (100mm = 0.8kg, 115mm = 0.9kg, 125mm = 1.3kg & 150mm = 1.6kg) **G801**



PLUS	192499	C	24.73	192501	C	25.31	192503	C	34.72	192505	C	72.97
PRIMED	192003	C	21.23	192005	C	21.38	192007	C	31.68	192009	C	46.97

135° Left-Hand Angle – Pack size 1 (100mm = 0.8kg, 115mm = 0.9kg, 125mm = 1.3kg & 150mm = 1.6kg) **G802**



PLUS	192507	C	24.73	192509	C	25.31	192511	C	34.72	192513	C	72.97
PRIMED	192011	C	21.23	192013	C	21.38	192015	C	32.23	192017	C	46.97

Union Clip – Pack size 1 (100mm & 115mm = 0.5kg, 125mm = 0.7kg & 150mm = 0.7kg) **G803**



PLUS	192515	C	18.25	192516	B	20.99	192517	C	23.36	192518	C	42.14
PRIMED	192019	B	13.72	192020	A	17.09	192021	A	19.33	192022	B	21.69

Stopend for Spigot–External – Pack size 1 (100mm & 115mm = 0.4kg, 125mm = 0.6kg & 150mm = 0.6kg) **G804**



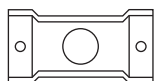
PLUS	192519	B	10.66	192520	A	12.39	192521	A	12.39	192522	C	17.69
PRIMED	192023	A	7.00	192024	A	9.03	192025	A	9.03	192026	B	12.58

Stopend for Socket–Internal – Pack size 1 (100mm & 115mm = 0.3kg, 125mm = 0.5kg & 150mm = 0.6kg) **G805**



PLUS	192523	B	10.66	192524	B	12.39	192525	B	12.39	192526	C	17.69
PRIMED	192027	A	7.00	192028	A	9.03	192029	A	9.03	192030	B	12.58

DESCRIPTION	COATING	SIZE Ø mm												
		100			115			125			150			
		PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £	
Nozzles – Pack size 1														G806



Nozzle with 65mm Outlet – (100mm = 1.1kg, 115mm = 1.3kg & 125mm = 1.4kg)										
PLUS	192527	B	24.22	192529	B	25.91	192531	C	28.86	–
PRIMED	192031	A	20.25	192033	A	22.08	192035	A	25.18	–



Nozzle with 75mm Outlet – (100mm = 1.3kg, 115mm & 125mm = 1.4kg & 150mm = 1.8kg)										
PLUS	192528	C	24.22	192530	B	25.91	192532	A	28.86	192533
PRIMED	192032	B	20.25	192034	A	22.08	192036	A	25.18	192037

Nozzle with 100mm Outlet – (150mm 1.8kg)										
PLUS	–	–	–	–	–	–	–	–	–	192534
PRIMED	–	–	–	–	–	–	–	–	–	192038

Dropend with Socket – Pack size 1 G807



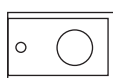
Dropend with Socket and 65mm Outlet – (100mm & 115mm = 0.9kg)										
PLUS	192535	C	31.15	192536	B	33.68	–	–	–	–
PRIMED	192039	B	23.76	192040	A	26.64	–	–	–	–



Dropend with Socket and 75mm Outlet – (125mm = 1.1kg & 150mm 1.8kg)										
PLUS	–	–	–	–	–	–	192537	B	36.40	192538
PRIMED	–	–	–	–	–	–	192041	B	29.77	192042

Dropend with Socket and 100mm Outlet – (150mm = 2.2kg)										
PLUS	–	–	–	–	–	–	–	–	–	192539
PRIMED	–	–	–	–	–	–	–	–	–	192043

Dropend with Spigot – Pack size 1 G808



Dropend with Spigot and 65mm Outlet – (100mm & 115mm = 0.9kg)										
PLUS	192540	C	31.15	192541	C	33.68	–	–	–	–
PRIMED	192044	B	23.76	192045	C	26.64	–	–	–	–



Dropend with Spigot and 75mm Outlet – (125mm = 1.0kg & 150mm 1.4kg)										
PLUS	–	–	–	–	–	–	192542	C	36.40	192543
PRIMED	–	–	–	–	–	–	192046	C	30.34	192047

Dropend with Spigot and 100mm Outlet – (150mm = 2.2kg)										
PLUS	–	–	–	–	–	–	–	–	–	192544
PRIMED	–	–	–	–	–	–	–	–	–	192048

Cast Iron Fascia Bracket – Pack size 1 (100mm, 115mm, 125mm = 0.3kg & 150mm = 0.376kg) G809



PLUS	192545	A	7.43	192546	A	8.04	192547	A	8.58	192548
PRIMED	192049	A	5.85	192050	A	5.85	192051	A	5.85	192052

DESCRIPTION	COATING	SIZE Ø mm												
		100			115			125			150			
		PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £	
Mild Steel Rise and Fall Bracket – Pack size 1 (100mm, 115mm, 125mm & 150mm = 0.4kg)														G872

Mild Steel Rise and Fall Bracket – Pack size 1 (100mm, 115mm, 125mm & 150mm = 0.4kg)

G872



GALV	256523	A	11.66	256524	A	11.66	256525	A	11.99	256526	B	12.20
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Please note this product is **GALVANISED** and requires painting after installation

Mild Steel Rise and Fall Bracket with retaining lip – Pack size 1 (100mm, 115mm & 125mm = 0.4kg)

G877



GALV	220703	A	11.66	220704	A	11.66	220705	A	11.99	–	–	–
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Please note this product is **GALVANISED** and requires painting after installation

Mild Steel Rise and Fall Bracket with retaining lip and understay – Pack size 1 (100mm, 115mm, 125mm & 150mm = 0.4kg)

G877



GALV	220731	B	17.19	220732	B	17.39	220733	B	19.00	220734	B	18.26
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Please note this product is **GALVANISED** and requires painting after installation

Top Fix Rafter Bracket in Galvanised Mild Steel – Pack size 1 (100mm, 115mm, 125mm & 150mm = 0.3kg)

G871



PLUS	192391	B	7.76	192392	B	7.76	192393	B	7.96	192394	C	10.68
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GALV	192247	A	5.56	192248	A	5.56	192249	A	5.78	192250	B	8.72
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Please note this product is **GALVANISED** and requires painting after installation

Side Fix Rafter Bracket in Galvanised Mild Steel – Pack size 1 (100mm, 115mm, 125mm & 150mm = 0.3kg)

G870



PLUS	192388	B	7.76	192387	B	7.76	192389	A	7.96	192390	B	10.68
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GALV	192243	A	5.56	192244	A	5.56	192245	A	5.78	192246	A	8.72
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Please note this product is **GALVANISED** and requires painting after installation

Drive-in Bracket with Retaining Lip – Pack size 1(100mm, 115mm & 125mm = 0.335kg)

G878



GALV	220706	B	12.61	220707	C	12.65	220708	C	12.68	–	–	–
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Please note this product is **GALVANISED** and requires painting after installation

ACCESSORIES

Cast Iron Jointing Kit – Pack of 20 to suit 100, 115 and 125mm sized standard half round gutter systems (0.3kg)

G873



	192284	A	43.90
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Plus Coating Black Touch-up Paint–Primer – Pack size 1 (0.5 Litre Tin)

	192549	C	27.56
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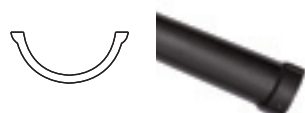
Plus Coating Black Touch-up Paint–Top Coat – Pack size 1 (0.5 Litre Tin)

	192550	B	27.56
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DESCRIPTION	COATING	SIZE Ø mm								
		100			115			125		
		PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £

BEADED HALF ROUND GUTTER AND CONNECTIONS

Half Round Gutter 1.83m length – Pack size 1 (100mm = 9.0kg, 115mm = 10.8kg & 125mm = 12.2kg) **G820**

	PLUS	223167	C	66.30	213645	B	69.20	209694	C	76.97
	PRIMED	192197	A	49.84	192198	A	51.95	192199	A	60.81

90° Angle Double Socket – Pack size 1 (100mm = 1.3kg, 115mm = 1.7kg & 125mm = 1.8kg) **G822D**

	PLUS	248068	C	26.02	246992	C	26.40	240067	C	32.18
	PRIMED	238998	B	21.60	236531	A	21.88	238999	A	26.65

135° Angle Double Socket – Pack size 1 (100mm = 1.0kg, 115mm = 1.3kg & 125mm = 1.4kg) **G822D**

	PLUS	248067	C	26.02	248070	C	26.40	248071	C	32.18
	PRIMED	238996	C	21.60	236532	B	21.88	238997	C	26.65

Union Clip – Pack size 1 (100mm, 115mm = 0.7kg & 125mm = 0.8kg) **G823**

	PLUS	223172	C	16.51	213643	C	20.16	209691	C	23.33
	PRIMED	192091	B	13.69	192092	B	16.71	192093	B	19.33

Stop End for Spigot External – Pack size 1 (100mm, 115mm & 125mm = 0.5kg) **G824**

	PLUS	223173	C	8.44	213617	B	10.91	209680	C	10.94
	PRIMED	192094	B	7.00	192095	A	9.03	192096	A	9.06

Stop End for Socket Internal – Pack size 1 (100mm = 0.3kg, 115mm = 0.4kg & 125mm = 0.5kg) **G825**

	PLUS	223174	C	8.44	213616	B	10.91	209678	C	10.91
	PRIMED	192097	C	7.00	192098	A	9.03	192099	B	9.06

Nozzles – Pack size 1 **G826**

Nozzle with 65mm Outlet – (100mm = 1.36kg, 115mm = 1.46kg & 125mm = 1.45kg)

	PLUS	223175	C	26.02	213615	C	26.63	223179	C	31.54
	PRIMED	192100	A	21.57	192101	A	22.08	192103	B	26.12

Nozzle with 75mm Outlet – (115mm = 1.4kg & 125mm = 1.5kg)

PLUS	–	–	–	223176	C	27.13	209677	C	31.54
PRIMED	–	–	–	192102	B	22.51	192104	B	26.12

Cast Iron Fascia Bracket – Pack size 1 (100mm, 115mm & 125mm = 0.3kg) **G809**

	PLUS	192545	A	7.43	192546	A	8.04	192547	A	8.58
	PRIMED	192049	A	5.85	192050	A	5.85	192051	A	5.85

Mild Steel Rise and Fall Bracket – Pack size 1 (100mm, 115mm & 125mm = 0.4kg) **G872**

	GALV	256523	A	11.66	256524	A	11.66	256525	A	11.99
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Please note this product is **GALVANISED** and requires painting after installation

DESCRIPTION	COATING	SIZE Ø mm					
		100 x 75mm			125 x 75mm		
		PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £

DEEP HALF ROUND GUTTER AND CONNECTIONS

Gutter 1.83m length – Pack size 1 (100 x 75mm = 13.6kg & 125 x 75mm = 14.0kg) G810

 	PLUS	218539	C	102.19	210572	C	132.05
	PRIMED	192195	A	83.44	192196	A	107.83

90° Right Hand Angle – Pack size 1 (100 x 75mm = 3.2kg) G811

 	PLUS	219622	C	65.43	–	–	–
	PRIMED	192054	C	57.21	–	–	–

135° Right Hand Angle – Pack size 1 (100 x 75mm = 3.2kg) G811

 	PLUS	223180	C	65.43	–	–	–
	PRIMED	192053	C	57.21	–	–	–

90° Left Hand Angle – Pack size 1 (100 x 75mm = 3.2kg) G812

 	PLUS	219623	C	65.43	–	–	–
	PRIMED	192058	C	57.21	–	–	–

135° Left Hand Angle – Pack size 1 (100 x 75mm = 3.2kg) G812

 	PLUS	223181	C	65.43	–	–	–
	PRIMED	192057	C	57.21	–	–	–

90° Double Socket Angle – Pack size 1 (125 x 75mm = 3.4kg) G812D

 	PLUS	–	–	–	258066	C	83.02
	PRIMED	–	–	–	256634	B	72.64

135° Double Socket Angle – Pack size 1 (125 x 75mm = 3.4kg) G812D

 	PLUS	–	–	–	257921	C	83.02
	PRIMED	–	–	–	256635	C	72.64

Union Clip – Pack size 1 (100 x 75mm & 125 x 75mm = 0.5kg) G813

 	PLUS	219624	C	29.13	223186	C	30.86
	PRIMED	192061	C	22.93	192062	C	24.29

Stop End for Spigot–External – Pack size 1 (100 x 75mm = 0.8kg & 125 x 75mm = 0.7kg) G814

 	PLUS	218552	C	22.96	210558	C	28.29
	PRIMED	192063	B	20.10	192064	B	24.76

DESCRIPTION	COATING	SIZE Ø mm					
		100 x 75mm			125 x 75mm		
		PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £
Stop End for Socket–Internal – Pack size 1 (100 x 75mm & 125 x 75mm = 0.6kg)							G815



PLUS	218553	C	22.96	210557	C	28.29
PRIMED	192065	C	20.10	192066	B	24.76

Nozzles – Pack size 1

G816



Nozzle with 65mm Outlet – (100 x 75mm = 1.8kg & 125 x 75mm = 2.5kg)

PLUS	223182	C	65.43	223187	C	84.67
PRIMED	192067	C	57.21	192069	C	74.08



Nozzle with 75mm Outlet – (100 x 75mm = 1.8kg & 125 x 75mm = 2.5kg)

PLUS	218554	C	65.43	210559	C	83.02
PRIMED	192068	C	57.21	192070	B	72.64

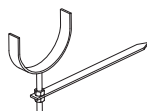
Cast Iron Fascia Bracket – Pack size 1 (100 x 75mm = 0.3kg & 125 x 75mm = 0.7kg)

G819



PLUS	218555	C	22.54	210571	C	27.76
PRIMED	192077	A	19.71	192078	A	24.29

Mild Steel Rise and Fall Bracket – Pack size 1 (100 x 75mm = 0.185kg & 125 x 75mm = 0.488kg)



GALV	227013	B	16.87	225821	B	18.01
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Please note this product is **GALVANISED** and requires painting after installation

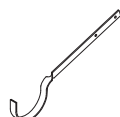
Top Fix Rafter Bracket in Galvanised Mild Steel – Pack size 1 (100 x 75mm = 0.25kg & 125 x 75mm = 0.36kg)



GALV	225560	B	18.90	206955	B	19.65
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Please note this product is **GALVANISED** and requires painting after installation

Side Fix Rafter Bracket in Galvanised Mild Steel – Pack size 1 (100 x 75mm = 0.5kg & 125 x 75mm = 0.34kg)



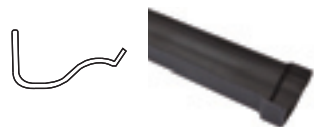
GALV	214902	C	19.65	225051	A	21.19
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Please note this product is **GALVANISED** and requires painting after installation

DESCRIPTION	COATING	SIZE Ø mm					
		100			115		125
		PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £

Ogee Gutter AND CONNECTIONS

Ogee Gutter 1.83m length – Pack size 1 (100mm = 9.0kg, 115mm = 10.5kg & 125mm = 12.5kg) **G840**



PLUS	199748	B	75.62	199803	B	78.61	199824	B	81.89
PRIMED	192204	A	55.58	192206	A	61.15	192208	A	64.16

90° Internal Angle – Pack size 1 (100mm = 1.0kg, 115mm = 1.5kg & 125mm = 1.9kg) **G841**



PLUS	199793	C	25.48	199805	C	27.02	199828	C	28.86
PRIMED	192137	C	21.69	192139	C	23.50	192141	C	25.64

135° Internal Angle – Pack size 1 (100mm & 115mm = 1.0kg & 125mm = 1.8kg) **G841**



PLUS	199792	C	25.78	199804	C	27.79	199827	C	35.15
PRIMED	192136	C	22.53	192138	C	24.43	192140	C	32.22

90° External Angle – Pack size 1 (100mm = 1.0kg, 115mm = 1.4kg & 125mm = 1.5kg) **G842**



PLUS	199795	C	25.48	199780	C	27.02	199830	C	28.86
PRIMED	192143	C	21.69	192145	B	23.50	192147	B	25.64

135° External Angle – Pack size 1 (100mm = 1.0kg, 115mm = 1.1kg & 125mm = 1.4kg) **G842**



PLUS	199794	C	25.78	199806	C	27.79	199829	C	35.15
PRIMED	192142	C	22.53	192144	C	24.43	192146	C	32.22

Union Clip – Pack size 1 (100mm, 115mm & 125mm = 0.7kg) **G843**



PLUS	199796	C	18.25	199813	C	20.65	199851	C	23.36
PRIMED	192148	C	13.72	192149	B	16.71	192150	B	19.33

Stop End for Socket–Internal – Pack size 1 (100mm = 0.3kg, 115mm & 125mm = 0.5kg) **G844**



PLUS	199798	C	10.75	199814	C	12.48	199852	C	14.05
PRIMED	192151	B	7.15	192152	B	9.26	192153	B	9.26

Stop End for Spigot–External – Pack size 1 (100mm & 115mm = 0.5kg & 125mm = 0.6kg) **G845**



PLUS	199800	C	10.75	199815	C	12.48	199871	C	14.05
PRIMED	192154	B	7.15	192155	B	9.26	192156	B	9.26

DESCRIPTION	COATING	SIZE Ø mm								
		100			115			125		
		PRODUCT CODE	^Δ DISC.	UNIT PRICE £	PRODUCT CODE	^Δ DISC.	UNIT PRICE £	PRODUCT CODE	^Δ DISC.	UNIT PRICE £

Nozzles – Pack size 1**G846****Nozzle with 65mm Outlet – (100mm = 1.3kg, 115mm = 1.5kg & 125mm = 1.9kg)**

PLUS	199801	C	25.73	199834	C	27.09	199873	C	29.20
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PRIMED	192157	B	22.09	192158	B	23.50	192159	C	25.64
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**Nozzle with 75mm Outlet – (125mm = 1.9kg)**

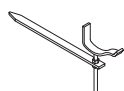
PLUS	–	–	–	–	–	–	199874	C	29.20
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PRIMED	–	–	–	–	–	–	192160	B	25.64
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Fascia Bracket – Pack size 1 (100mm & 115mm = 0.3kg & 125mm = 0.5kg)**G849**

PLUS	199802	B	7.84	199837	B	8.44	199876	B	9.70
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PRIMED	192169	A	6.34	192170	A	6.34	192171	A	7.17
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Rise and Fall Bracket – Pack size 1 (100mm, 115mm & 125mm = 0.5kg)**G874**

GALV	256528	C	12.26	256529	C	12.26	256530	C	12.37
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Please note this product is **GALVANISED** and requires painting after installation**Top Fix Rafter Bracket in Galvanised Mild Steel – Pack size 1 (100mm, 115mm & 125mm = 0.4kg)****G875**

GALV	208282	C	9.06	208283	C	9.06	208284	B	9.58
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Please note this product is **GALVANISED** and requires painting after installation**Side Fix Rafter Bracket in Galvanised Mild Steel – Pack size 1 (100mm, 115mm & 125mm = 0.4kg)****G876**

GALV	208285	C	9.06	208286	C	9.06	208287	C	9.58
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Please note this product is **GALVANISED** and requires painting after installation

DESCRIPTION	COATING	SIZE Ø mm								
		100 x 75mm			125 x 100mm			150 x 100mm		
		PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £
MOULDED GUTTER AND CONNECTIONS										
Moulded Gutter 1.83m length – Pack size 1 (100 x 75mm = 11kg, 125 x 100mm = 18kg & 150 x 100mm = 19kg)										G830
 	PLUS	204868	B	116.96	206382	B	171.48	223199	B	254.39
	PRIMED	192200	A	95.51	192202	A	140.03	192621	A	207.72
90° Internal Angle – Pack size 1 (100 x 75mm = 2.0kg, 125 x 100mm = 2.3kg & 150 x 100mm = 3.4kg)										G831
 	PLUS	223188	C	63.68	206383	C	91.47	223200	C	124.66
	PRIMED	192113	C	52.77	192115	C	75.80	192668	B	103.30
90° External Angle – Pack size 1 (100 x 75mm = 2.0kg, 125 x 100mm = 2.3kg & 150 x 100mm = 3.4kg)										G832
 	PLUS	204869	C	63.68	206385	C	91.47	223202	C	124.66
	PRIMED	192117	C	53.79	192119	C	75.80	208227	B	103.30
135° Internal Angle – Pack size 1 (100 x 75mm = 2.0kg, 125 x 100mm = 3.2kg & 150 x 100mm = 2.6kg)										G831
 	PLUS	223189	C	63.68	223194	C	91.47	223201	C	124.66
	PRIMED	192112	C	52.77	192114	C	75.80	208230	C	103.30
135° External Angle – Pack size 1 (100 x 75mm = 1.2kg, 125 x 100mm = 1.5kg & 150 x 100mm = 2.6kg)										G832
 	PLUS	223190	C	64.88	223195	C	91.47	223203	C	124.66
	PRIMED	192116	C	53.79	192118	C	75.80	208272	C	103.30
Union Clip – Pack size 1 (100 x 75mm = 0.5kg, 125 x 100mm = 0.6kg & 150 x 100mm = 0.7kg)										G833
 	PLUS	223191	C	27.13	206386	C	31.47	223204	C	41.58
	PRIMED	192120	C	22.51	192121	B	26.08	208276	B	34.45
Stop End for Spigot–Left Hand – Pack size 1 (100 x 75mm = 0.5kg, 125 x 100mm = 0.7kg & 150 x 100mm = 0.8kg)										G834
 	PLUS	204874	C	24.32	206388	C	31.47	223205	C	41.58
	PRIMED	192122	C	20.15	192123	C	26.08	192665	B	34.45
Stop End for Spigot–Right Hand – Pack size 1 (100 x 75mm = 0.7kg, 125 x 100mm = 0.9kg & 150 x 100mm = 1.0kg)										G835
 	PLUS	204875	C	24.32	206387	C	31.47	223206	C	41.58
	PRIMED	192124	C	20.15	192125	C	26.08	192666	B	34.45

DESCRIPTION	COATING	SIZE Ø mm									
		100 x 75mm			125 x 100mm			150 x 100mm			
		PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £	
Nozzles – Pack size 1											G836



Nozzle with 65mm Outlet – (100 x 75mm & 125 x 100mm = 2kg & 150 x 100mm = 3.9kg)										
PLUS	223192	C	64.88	223196	C	91.47	223207	C	123.90	
PRIMED	192126	B	53.79	192128	C	75.80	221821	C	102.67	
Nozzle with 75mm Outlet – (100 x 75mm & 125 x 100mm = 2kg & 150 x 100mm = 3.9kg)										
PLUS	204876	C	64.88	206390	C	91.47	223208	C	123.90	
PRIMED	192127	B	53.79	192129	C	75.80	192667	B	102.67	
Nozzle with 100mm Outlet – (125 x 100mm = 2kg & 150 x 100mm = 4.0kg)										
PLUS	–	–	–	223197	C	93.23	223209	C	123.90	
PRIMED	–	–	–	192130	C	77.27	208273	B	102.67	
Nozzle with 100 x 75mm Outlet – (125 x 100mm = 2.3kg & 150 x 100mm = 4kg)										
PLUS	–	–	–	206389	C	93.23	223210	C	123.90	
PRIMED	–	–	–	192131	C	77.27	206930	C	102.67	

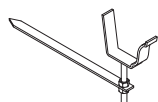
Fascia Bracket – Pack size 1 (100 x 75mm = 0.5kg, 125 x 100mm & 150 x 100mm = 0.6kg)

G839



PLUS	223193	C	12.88	223198	C	12.88	223212	C	12.72	
PRIMED	192267	A	10.67	192242	A	10.67	192623	A	11.54	

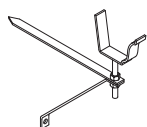
Rise and Fall Bracket in Galvanised Mild Steel – Pack size 1 (100 x 75mm = 0.4kg, 125 x 100mm = 0.5kg & 150 x 100mm = 0.6kg)



GALV	†240305	C	29.39	†230033	C	36.55	†248203	C	36.55	
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Please note this product is **GALVANISED** and requires painting after installation

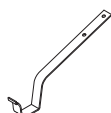
Rise and Fall Bracket with Understay in Galvanised Mild Steel – Pack size 1 (100 x 75mm = 0.5kg, 125 x 100mm = 0.6kg & 150 x 100mm = 0.7kg)



GALV	†MTO	C	POA	†MTO	C	POA	†226093	C	44.11	
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Please note this product is **GALVANISED** and requires painting after installation

Top Fix Rafter Bracket in Galvanised Mild Steel – Pack size 1 (100 x 75mm = 0.2kg, 125 x 100mm & 150 x 100mm = 0.3kg)



GALV	†230392	C	26.64	233283	C	28.92	222138	C	31.97	
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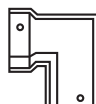
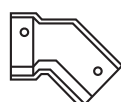
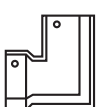
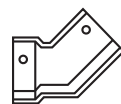
Please note this product is **GALVANISED** and requires painting after installation

Side Fix Rafter Bracket in Galvanised Mild Steel – Pack size 1 (100 x 75mm = 0.2kg, 125 x 100mm & 150 x 100mm = 0.3kg)



GALV	†239379	C	POA	223380	C	30.89	226081	C	33.65	
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Please note this product is **GALVANISED** and requires painting after installation

DESCRIPTION	COATING	SIZE Ø mm			
		115mm			
		PRODUCT CODE	ΔDSC.	UNIT PRICE £	
NOTTS OG GUTTER AND CONNECTIONS					
Notts OG Gutter 1.83m length – Pack size 1 (115mm = 14.5kg)					
G850					
		PLUS	219546	C	120.90
		PRIMED	192210	A	98.73
90° Internal Angle – Pack size 1 (115mm = 2kg)					
G851					
		PLUS	219532	C	65.07
		PRIMED	192173	C	56.94
135° Internal Angle – Pack size 1 (115mm = 2kg)					
G851					
		PLUS	223213	C	65.07
		PRIMED	192172	C	56.94
90° External Angle – Pack size 1 (115mm = 2kg)					
G852					
		PLUS	219533	C	65.07
		PRIMED	192175	C	56.94
135° External Angle – Pack size 1 (115mm = 2kg)					
G852					
		PLUS	223214	C	65.07
		PRIMED	192174	C	56.94
Union Clip – Pack size 1 (115mm = 0.8kg)					
G853					
		PLUS	219538	C	26.74
		PRIMED	192176	C	23.40
Stop End for Spigot–External – Pack size 1 (115mm = 0.6kg)					
G854					
		PLUS	219536	C	22.01
		PRIMED	192177	A	19.27
Stop End for Socket–Internal – Pack size 1 (115mm = 0.6kg)					
G855					
		PLUS	219537	C	22.01
		PRIMED	192178	A	19.27

DESCRIPTION	COATING	SIZE Ø mm		
		115mm		
		PRODUCT CODE	ΔDSC.	UNIT PRICE £
Nozzles – Pack size 1				G856



Nozzle with 65mm Outlet – (115mm = 2.4kg)

PLUS	223215	C	76.57
PRIMED	192179	C	66.96

Nozzle with 75mm Outlet – (115mm = 2.4kg)

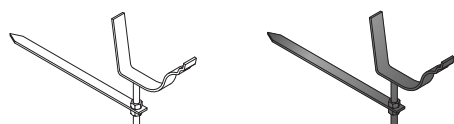
PLUS	219535	C	64.01
PRIMED	192180	B	55.99

Fascia Bracket to suit Notts OG – Pack size 1 (115mm = 0.5kg) G859



PLUS	219539	C	22.01
PRIMED	192183	A	19.27

Rise and Fall Bracket in Galvanised Mild Steel to suit Notts OG – Pack size 1 (115mm = 0.4kg)



GALVANISED	220963	B	32.34
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Please note this product is **GALVANISED** and requires painting after installation

Top Fix Rafter Bracket in Galvanised Mild Steel to suit Notts OG – Pack size 1 (115mm = 0.2kg)



GALVANISED	+ 221397	C	24.59
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Please note this product is **GALVANISED** and requires painting after installation

Side Fix Rafter Bracket in Galvanised Mild Steel to suit Notts OG – Pack size 1 (115mm = 0.2kg)



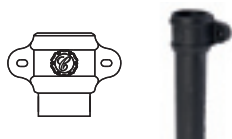
GALVANISED	220964	C	18.63
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Please note this product is **GALVANISED** and requires painting after installation

DESCRIPTION	COATING	SIZE Ø mm					
		65mm			75mm		100mm
		PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £

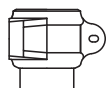
ROUND PIPES AND FITTINGS

Single Socket Pipes—Eared 1.83m length – Pack size 1 (65mm = 10.3kg, 75mm = 12.5kg & 100mm = 16kg) **A585**



PLUS	192448	A	114.59	192450	A	114.59	192452	A	161.43
PRIMED	191912	A	97.07	191916	A	97.07	191919	A	130.36

Corner Pipes—Eared 1.83m length – Pack size 1 (65mm = 10.3kg, 75mm = 12.5kg & 100mm = 16kg) **A585**



PLUS	–	–	–	–	–	–	247761	C	235.36
PRIMED	244025	–	POA	266982	–	POA	241867	C	198.92

Single Socket Pipes—No Ears 1.83m length – Pack size 1 (65mm = 10.1kg, 75mm = 12.1kg & 100mm = 15.5kg) **A585**



PLUS	192447	B	108.86	192449	A	108.86	192451	C	155.02
PRIMED	191910	A	90.84	191914	A	90.84	191918	A	124.01

Plain Barrels 1.75m length – Pack size 1 (65mm = 9kg, 75mm = 11kg & 100mm = 14kg) **A585**



PLUS	192558	B	89.56	192559	A	89.56	192560	B	122.84
PRIMED	192216	A	77.75	192217	A	77.75	192218	A	103.67

Loose Sockets—Eared – Pack size 1 (65mm = 1.3kg, 75mm = 1.5kg & 100mm = 2kg) **A586**



PLUS	192453	A	26.12	192454	A	26.12	192455	B	32.90
PRIMED	191921	A	18.98	191922	A	18.98	191923	A	25.64

Loose Sockets—No Ears – Pack size 1 (65mm = 0.9kg, 75mm = 1.1kg & 100mm = 1.3kg) **A586**



PLUS	192561	C	21.07	192562	B	21.07	192563	C	27.50
PRIMED	192219	A	14.16	192220	A	14.16	192221	B	20.38

Corner Loose Sockets – Pack size 1 (75mm = 2kg)



PLUS	–	–	–	266859	C	55.97	–	–	–
PRIMED	–	–	–	266858	C	POA	–	–	–

Cast Iron Wall Spacer Plate for use with Eared Classical Rainwater Pipes and Shoes – Pack size 1 (65mm = 0.2kg, 75mm = 0.3kg & 100mm = 0.4kg) **A584**



PLUS	192555	B	9.81	192556	B	9.99	192557	A	10.07
PRIMED	192213	A	8.26	192214	A	8.40	192215	A	8.54

30mm Wood Bobbins—one size fits all – Pack size 10 (65mm, 75mm & 100mm = 0.1kg)



–	242200	A	17.65						
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Pipe Nails – Pack size 10

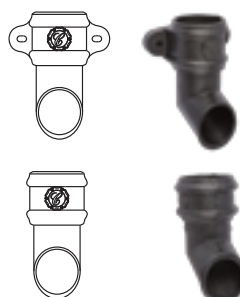


–	–	–	242231	B	5.23	242232	A	5.89	
				Length 75mm			Length 100mm		

DESCRIPTION	COATING	SIZE Ø mm								
		65mm			75mm			100mm		
		PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £

Shoes Front – Pack size 1

A588



Shoes Front–Eared – (65mm = 2.3kg, 75mm = 2.8kg & 100mm = 4.5kg)

PLUS	192456	A	54.68	192457	A	54.68	192458	B	69.49
PRIMED	191924	A	47.32	191925	A	47.32	191926	A	62.84

Shoes Front–No Ears – (65mm = 2.2kg, 75mm = 2.3kg & 100mm = 3.8kg)

PLUS	192569	C	48.31	192570	C	48.31	192459	C	62.95
PRIMED	192227	A	41.06	192228	B	41.06	191927	C	55.29

Anti-Splash Shoes – Pack size 1

A589



Anti-Splash Shoes–Eared – (65mm = 4.5kg & 75mm = 4.2kg)

PLUS	259748	C	65.12	259752	C	65.12	–	–	–
PRIMED	259738	C	59.18	259744	C	59.18	–	–	–

Anti-Splash Shoes–No Ears – (65mm = 4kg & 75mm = 3.7kg)

PLUS	259750	C	62.75	259753	C	62.75	–	–	–
PRIMED	259742	C	56.81	259746	C	56.81	–	–	–

Access Pipe – Pack size 1

A590



Access Pipe–Eared – (65mm = 2.9kg, 75mm = 3.8kg & 100mm = 5.5kg)

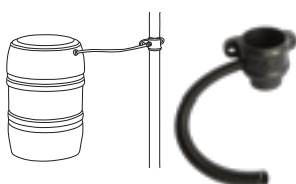
PLUS	192412	C	115.55	192413	C	120.88	192565	C	175.41
PRIMED	192410	C	106.58	192411	C	110.56	192223	C	155.55

Access Pipe–No Ears – (65mm = 2.4kg, 75mm = 3.4kg & 100mm = 4.9kg)

PLUS	192460	C	81.87	192461	C	85.72	192564	C	147.91
PRIMED	191928	A	73.73	191929	B	77.40	192222	B	137.91

Diverter Kits – Pack size 1 – include Tank Connector and Collector Pipe, packed in a bag, with fixing instructions

A593



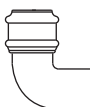
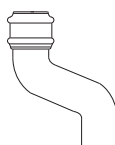
Water Butt not included

Diverter Kits–Left Hand Connection Waterbutt – (65mm = 1.6kg & 75mm = 1.8kg)

PLUS	192397	C	64.18	192398	C	64.18	–	–	–
PRIMED	192395	C	56.07	192396	C	56.07	–	–	–

Diverter Kits–Right Hand Connection Waterbutt – (65mm = 1.6kg & 75mm = 1.8kg)

PLUS	217407	C	64.18	217409	C	64.18	–	–	–
PRIMED	214840	C	56.07	217408	B	56.07	–	–	–

DESCRIPTION		COATING	SIZE Ø mm								
			65mm			75mm			100mm		
			PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £
92° Bends – Pack size 1 (65mm = 1.9kg, 75mm = 2.6kg & 100mm = 4.3kg)											A591
 	PLUS	192462	B	35.89	192465	B	42.28	192468	B	57.18	
	PRIMED	191930	A	28.97	191933	A	35.16	191936	B	49.67	
112° Bends – Pack size 1 (65mm = 1.9kg, 75mm = 2.3kg & 100mm = 3.8kg)											A591
 	PLUS	192463	B	35.89	192466	B	42.28	192469	C	57.18	
	PRIMED	191931	A	29.53	191934	A	35.16	191937	A	49.67	
135° Bends – Pack size 1 (65mm = 1.6kg, 75mm = 1.9kg & 100mm = 2.9kg)											A591
 	PLUS	192464	C	35.89	192467	B	40.25	192470	C	81.06	
	PRIMED	191932	A	28.97	191935	A	33.19	191938	A	72.91	
92° Branches – Pack size 1 (65mm = 3kg, 75mm = 4kg & 100mm = 5.9kg)											A592
 	PLUS	192471	C	67.85	192474	C	74.12	192477	C	86.79	
	PRIMED	191939	C	60.81	191942	C	67.05	191945	C	78.14	
112° Branches – Pack size 1 (65mm = 3kg & 75mm = 3.5kg)											A592
 	PLUS	192472	C	67.85	192475	B	74.12	–	–	–	
	PRIMED	191940	B	60.81	191943	B	67.05	–	–	–	
135° Branches – Pack size 1 (65mm = 3.3kg & 75mm = 3.6kg)											A592
 	PLUS	192473	C	67.85	192476	B	74.12	–	–	–	
	PRIMED	191941	B	60.81	191944	C	67.05	–	–	–	
Offsets – Pack size 1											A594
 	75mm Projection Offset – (65mm = 2.3kg, 75mm = 2.7kg & 100mm = 4.7kg)										
	PLUS	192478	B	51.66	192485	B	51.66	192492	C	92.05	
 	115mm Projection Offset – (65mm = 2.6kg, 75mm = 2.7kg & 100mm = 4.1kg)										
	PLUS	192479	B	51.66	192486	C	51.66	192493	C	92.05	
 	150mm Projection Offset – (65mm = 3.2kg, 75mm = 3.5kg & 100mm = 5.9kg)										
	PLUS	192480	B	51.66	192487	B	51.66	192494	C	92.05	
 	225mm Projection Offset – (65mm = 3.4kg, 75mm = 3.8kg & 100mm = 6.2kg)										
	PLUS	192481	C	59.18	192488	B	59.18	192495	C	110.20	
	PRIMED	191949	A	51.60	191956	A	51.60	191963	B	101.31	

DESCRIPTION	COATING	SIZE Ø mm								
		65mm			75mm			100mm		
		PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £	PRODUCT CODE	^Δ DSC.	UNIT PRICE £

Offsets continued – Pack size 1

A594



305mm Projection Offset – (65mm = 3.8kg, 75mm = 5kg & 100mm = 6.4kg)										
PLUS	192482	C	68.24	192489	C	71.27	192496	C	110.20	
PRIMED	191950	A	60.49	191957	B	63.45	191964	C	103.29	
380mm Projection Offset – (65mm = 4.5kg, 75mm = 6.4kg & 100mm = 6.8kg)										
PLUS	192483	C	130.05	192490	C	133.91	192497	C	175.18	
PRIMED	191951	B	120.63	191958	B	120.63	191965	C	164.71	
455mm Projection Offset – (65mm = 5.9kg, 75mm = 6.8kg & 100mm = 7.7kg)										
PLUS	192484	C	151.17	192491	C	151.17	192498	C	211.71	
PRIMED	191952	B	141.26	191959	B	141.26	191966	C	204.03	

Pipes and fittings outside the standard range will be considered for manufacture on a quotational basis

Wall Bracket – Pack size 1 (65mm & 75mm = 0.2kg & 100mm = 0.4kg)

A548

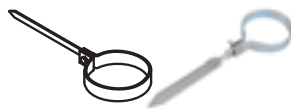


PLUS	192400	B	19.72	192401	A	19.85	192402	A	20.03	
GALV	192301	A	16.61	192302	A	16.69	192303	A	16.88	

Please note this product is **GALVANISED** and requires painting after installation

Pipe Clip with Spike – Pack size 1 (65mm = 0.2kg, 75mm = 0.3kg & 100mm = 0.4kg)

A549



GALV	223286	C	26.91	223134	C	28.15	223133	B	28.15	
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Please note this product is **GALVANISED** and requires painting after installation

Pipes and fittings outside the standard range will be considered for manufacture on a quotational basis

Drive-In Spike – Pack size 1 (65mm = 0.2kg, 75mm = 0.3kg & 100mm = 0.4kg)

A549



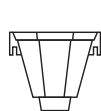
PRIMED	256541	A	6.22	256542	A	6.22	278580	C	8.99	
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Pipes and fittings outside the standard range will be considered for manufacture on a quotational basis

DESCRIPTION	COATING	SIZE Ø mm								
		65mm			75mm			100mm		
		PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £	PRODUCT CODE	ΔDSC.	UNIT PRICE £

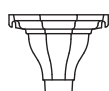
RAINWATER HEADS

Flat Hopper Heads – Pack size 1 (65mm = 3.9kg, 75mm = 4kg & 100mm = 6.2kg) A750



Flat Hopper Heads 210 x 160 x 185mm										
PLUS	192441	C	129.52	192442	C	129.52	–	–	–	–
PRIMED	191904	B	120.14	191905	C	120.14	–	–	–	–
Flat Hopper Heads 250 x 215 x 215mm										
PLUS	–	–	–	–	–	–	192443	C	149.36	–
PRIMED	–	–	–	–	–	–	191906	C	142.38	–

Flat Hoppers 305 x 186 x 200mm – Pack size 1 (65mm & 75mm = 6kg) A751



PLUS	222661	C	130.66	222663	C	130.66	–	–	–	–
PRIMED	222660	C	120.03	222662	B	120.03	–	–	–	–

Flat Hopper Corners – Pack size 1 (65mm & 75mm = 6kg) A751



PLUS	†222661	C	130.66	236421	C	124.05	–	–	–	–
PRIMED	†230093	C	122.69	234336	C	122.69	–	–	–	–

Box Heads 225 x 125 x 125mm – Pack size 1 (65mm & 75mm = 3.6kg) A841



PLUS	192444	C	183.79	192445	C	183.79	–	–	–	–
PRIMED	191907	C	167.00	191908	C	167.00	–	–	–	–

Box Head 280 x 150 x 130mm – Pack size 1 (100mm = 5.4kg) A842



PLUS	–	–	–	–	–	–	192446	C	247.96	–
PRIMED	–	–	–	–	–	–	191909	C	230.60	–

Rectangular Head 300 x 250 x 200mm – Pack size 1 (65mm, 75mm & 100mm = 12.4kg) A484



PLUS	192435	C	244.68	192436	C	244.68	192437	C	245.12	–
PRIMED	191897	C	216.91	191898	B	216.91	191899	B	216.91	–

Castellated Rectangular Head 250 x 180 x 175mm – Pack size 1 (65mm = 6.8kg) A485



PLUS	192438	C	225.89	–	–	–	–	–	–	–
PRIMED	191901	C	155.72	–	–	–	–	–	–	–

Rectangular Head 250 x 180 x 175mm – Pack size 1 (75mm & 100mm = 6.8kg) A485



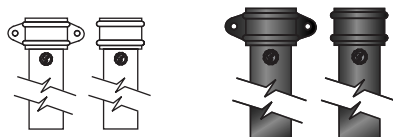
PLUS	–	–	–	192439	C	176.08	192440	C	176.08	–
PRIMED	–	–	–	191902	B	155.72	191903	B	155.72	–

DESCRIPTION		COATING	SIZE Ø mm		UNIT PRICE £
			100 x 75mm		
			PRODUCT CODE	^Δ DSC.	

RECTANGULAR PIPES & FITTINGS

Classical Pipes 1.83m length – Pack size 1 (100 x 75mm = 30kg)

A601



Classical Pipes–Eared

PRIMED	191968	A	279.94
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Classical Pipes–No ears

PRIMED	191967	A	275.36
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Front Shoe – Pack size 1

A603



Front Shoe–Eared – (100 x 75mm = 4.8kg)

PRIMED	191970	C	189.33
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Front Shoe–No ears – (100 x 75mm = 4.5kg)

PRIMED	191969	C	154.22
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Side Shoe – Pack size 1

A613



Side fittings diagrams are Right Handed

Right Hand Side Shoe–Eared – (100 x 75mm = 5.4kg)

PRIMED	191999	C	234.98
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Left Hand Side Shoe–Eared – (100 x 75mm = 5.9kg)

PRIMED	192000	C	234.98
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No ears – (100 x 75mm = 5.9kg)

PRIMED	191998	A	187.93
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Loose Socket – Pack size 1

A604



Loose Socket–Eared – (100 x 75mm = 3.2kg)

PRIMED	191972	C	96.79
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Loose Socket–No ears – (100 x 75mm = 2.5kg)

PRIMED	191971	C	91.82
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Built in Holderbat – Pack size 1 (100 x 75mm = 2kg)

A605



PRIMED	191973	C	78.34
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Earbands – Pack size 1

A606



Ornamental Earbands (as Trefoil) – (100 x 75mm = 1.4kg)

PRIMED	191974	B	62.44
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Plain Earbands – (100 x 75mm = 1.6kg)

PRIMED	191975	C	60.41
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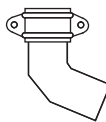
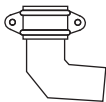
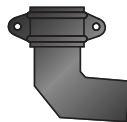
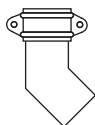
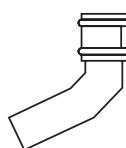
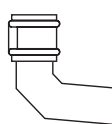
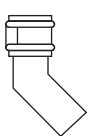
Rectangular Head 300 x 250 x 200mm – Pack size 1 (100 x 75mm = 12.4kg)

A484

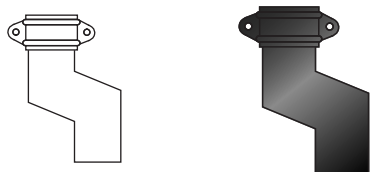


PRIMED	191900	C	216.91
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Please note that Rectangular Pipes and Fittings can be supplied in the Plus finish coat on a made to order basis

DESCRIPTION		COATING	SIZE Ø mm		
			100 x 75mm		
			PRODUCT CODE	^A DSC.	UNIT PRICE £
112.5° Side Bends – Pack size 1			A607		
 	Right Hand 112.5° Side Bends–Eared – (100 x 75mm = 6.8kg)				
	PRIMED	191978	C	180.19	
	Left Hand 112.5° Side Bends–Eared – (100 x 75mm = 6.8kg)				
PRIMED	191977	C	180.19		
112.5° Side Bends–No Ears – (100 x 75mm = 6.6kg)					
PRIMED	191976	C	142.55		
92.5° Side Bends – Pack size 1			A608		
 	Right Hand 92.5° Side Bends–Eared – (100 x 75mm = 8.2kg)				
	PRIMED	191980	C	180.19	
	Left Hand 92.5° Side Bends–Eared – (100 x 75mm = 8.2kg)				
PRIMED	197170	C	180.19		
92.5° Side Bends–No Ears – (100 x 75mm = 7.8kg)					
PRIMED	191979	C	142.55		
135° Side Bends – Pack size 1			A609		
 	Right Hand 135° Side Bends–Eared – (100 x 75mm = 6kg)				
	PRIMED	191983	C	180.19	
	Left Hand 135° Side Bends–Eared – (100 x 75mm = 6kg)				
PRIMED	191982	C	180.19		
135° Side Bends–No Ears – (100 x 75mm = 5.8kg)					
PRIMED	191981	C	142.55		
112° Front Bends – Pack size 1			A610		
 	112° Front Bends–Eared – (100 x 75mm = 7.7kg)				
	PRIMED	191985	C	151.66	
	112° Front Bends–No ears – (100 x 75mm = 7.5kg)				
PRIMED	191984	C	135.35		
92.5° Front Bends – Pack size 1			A610		
 	92.5° Front Bends–Eared – (100 x 75mm = 7.5kg)				
	PRIMED	191989	C	151.66	
	92.5° Front Bends–No Ears – (100 x 75mm = 7.3kg)				
PRIMED	191988	C	134.96		
135° Front Bends – Pack size 1			A610		
 	135° Front Bends–Eared – (100 x 75mm = 7.1kg)				
	PRIMED	191987	C	154.56	
	135° Front Bends–No Ears – (100 x 75mm = 6.9kg)				
PRIMED	191986	C	135.57		

DESCRIPTION		COATING	SIZE Ø mm	
			100 x 75mm	
			PRODUCT CODE	UNIT PRICE £
Side Offset – Pack size 1			Δ DSC.	A611



150mm Side Offset Projection–Eared – (100 x 75mm = 9kg)			
PRIMED	191992	C	241.12

75mm Side Offset Projection–No Ears – (100 x 75mm = 7.3kg)			
PRIMED	191990	C	187.79

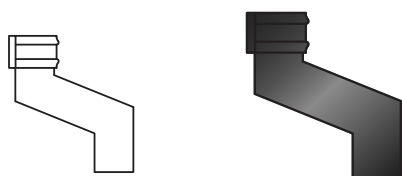
115mm Side Offset Projection–No Ears – (100 x 75mm = 7.6kg)			
PRIMED	191991	C	195.32

225mm Side Offset Projection–No Ears – (100 x 75mm = 9kg)			
PRIMED	191993	C	243.36

305mm Side Offset Projection–No Ears – (100 x 75mm = 11kg)			
PRIMED	191994	C	280.43

112.5° Offsets – Pack size 1

A612



75mm 112.5° Offset Projection–No Ears – (100 x 75mm = 7.8kg)			
PRIMED	191208	C	142.87

150mm 112.5° Offset Projection–No Ears – (100 x 75mm = 8.4kg)			
PRIMED	191209	C	157.89

225mm 112.5° Offset Projection–No Ears – (100 x 75mm = 8.2kg)			
PRIMED	191210	C	195.47

305mm 112.5° Offset Projection–No Ears – (100 x 75mm = 11kg)			
PRIMED	191211	C	232.56

381mm 112.5° Offset Projection–No Ears – (100 x 75mm = 11.2kg)			
PRIMED	237368	C	261.72

457mm 112.5° Offset Projection–No Ears – (100 x 75mm = 14.5kg)			
PRIMED	237369	C	392.63

75mm 112.5° Offset Projection–Eared – (100 x 75mm = 8kg)			
PRIMED	191995	C	182.77

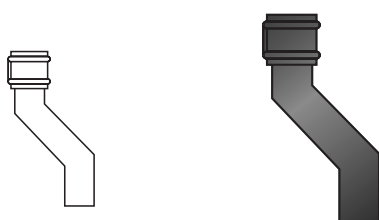
150mm 112.5° Offset Projection–Eared – (100 x 75mm = 8.6kg)			
PRIMED	191996	C	197.09

225mm 112.5° Offset Projection–Eared – (100 x 75mm = 8.4kg)			
PRIMED	197171	C	253.79

305mm 112.5° Offset Projection–Eared – (100 x 75mm = 11.4kg)			
PRIMED	191997	C	271.26

Plinth Offsets – Pack size 1

A615



75mm Plinth Offset Projection–No Ears – (100 x 75mm = 7.8kg)			
PRIMED	257472	C	142.87

115mm Plinth Offset Projection–Eared – (100 x 75mm = 8.6kg)			
PRIMED	192002	C	189.92

115mm Plinth Offset Projection–No Ears – (100 x 75mm = 8.2kg)			
PRIMED	192001	C	147.47

Technical Calculations

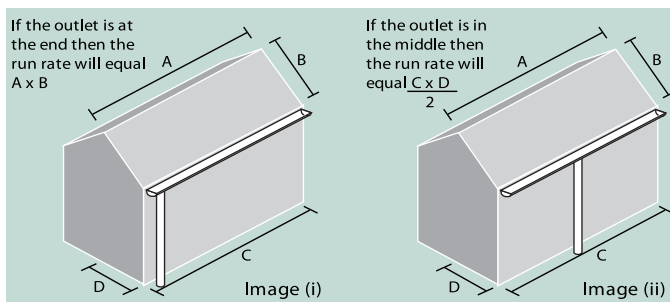
To select the size of the Classical rainwater system the following method should be used.

Rainfall Intensity

For roof drainage calculations it is usual to assume a rate of rainfall of 75mm/h. Regional differences are more significant in relation to total rainfall than to peak intensities and can be ignored. Short storms of higher intensity do occur and should be taken into consideration where overflowing cannot be tolerated.

Step 1—Calculating the area

The first stage of the calculation is determining the largest catchment area. The two most simple ways are illustrated in images (i) and (ii) taking into consideration the outlet position. Image (i), $A \times B$ = catchment area. Image (ii), $C \times D \times \text{pitch factor}$ = catchment area.



Step 2—determine run off rate

Catchment area (m^2) $\times$ rainfall intensity in l/s (mm/h 3,600) = Answer 'A' (l/s)

Table 1—Roof Pitch Factor

Roof Angle	Factor	Roof Angle	Factor
15	1.13	35	1.26
17.5	1.16	37.5	1.39
20	1.18	40	1.43
22.5	1.21	42.5	1.46
25	1.24	45	1.50
27.5	1.26	47.5	1.55
30	1.29		

Step 3

Longest gutter run to an outlet (length in mm)/gutter depth (mm) = Answer 'B'

Step 4

Using Answer 'B', consult Table 2 for the next highest reduction factor.

Table 2—Reduction Factors

Answer 'B'	Reduction Factor
50	1.00
100	0.93
150	0.86
200	0.80

Step 5

Answer 'A' / Reduction Factor = Total flow rate in l/s.

Step 6

Using the total flow rate, consult Table 3 for the appropriate gutter profile and size.

Table 3—Gutter Capacities

Gutter Type and Size						
Capacity l/sec	Half Round	Beaded Half Round	Deep Half Round	Ogee	Moulded No. 46	Notch Ogee
3.10	—	—	—	—	150x100	—
1.75	—	—	125x75	—	—	—
1.50	—	—	—	—	—	—
1.42	—	—	—	—	125x100	—
1.40	150	—	—	—	—	—
1.39	—	—	—	—	—	—
1.24	—	—	100x75	—	—	—
1.07	—	—	—	—	—	115
0.97	—	125	—	—	—	—
0.94	125	—	—	—	—	—
0.79	115	115	—	—	—	—
0.71	—	—	—	125	—	—
0.67	—	—	—	—	100x75	—
0.59	—	100	—	115	—	—
0.53	100	—	—	—	—	—
0.41	—	—	—	100	—	—

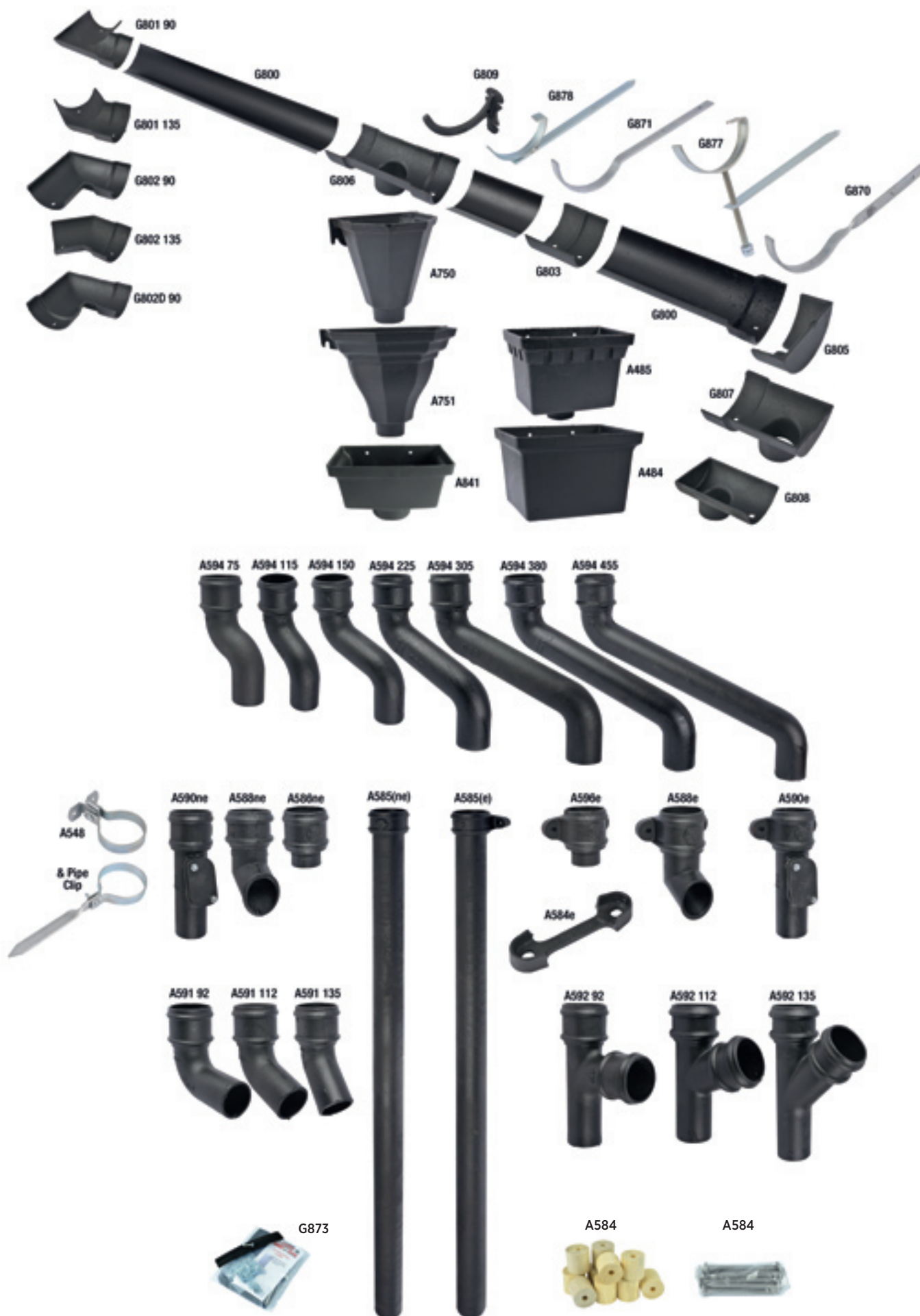
*All gutter and pipe capacities have been tested by HR. Wallingford

If you require your calculations checked, please contact our Technical Department 01952 262529

Table 4—Pipe Capacities

Pipe Diameter (mm)	Capacity Litres/Second
65	2.00
75	3.00
100	7.00
75 x 75	3.30
100 x 75	4.00
100 x 100	5.90
100 x 125	7.40

Classical Rainwater Components Diagram





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