

Timesaver cast iron drainage systems



Timesaver Drain

The Timesaver drain cast iron below ground system has been the first choice for under-building drainage for commercial, public and residential buildings since 1980.

Product Standard

BS437 Timesaver is kitemark approved

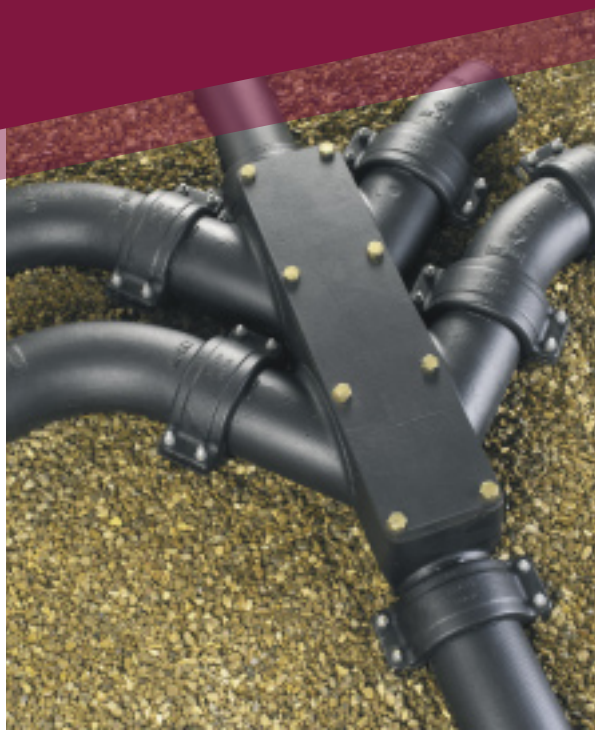


Applications

- Underbuilding drainage—encased in concrete
- Pipework to be laid in shallow trenches
- Under roads
- Unstable ground
- Ground containing methane
- Bridges

Features

- 100, 150 and 225mm diameter pipes and fittings
- Two piece ductile iron couplings
- Section thickness from 8-15mm
- Range of traditional British Standard fittings
 - > Bellmouth Gullies/inlets
 - > Gully traps
 - > Raising pieces
 - > Anti-flooding traps



Benefits

- Exceptional crush resistance—vastly superior to other materials
 - > Timesaver BS437 150 KN/m
 - > Clay 40 KN/m
 - > Plastic 6 KN/m
- Robust strength
 - > To withstand over vigorous rodding/jetting
 - > Can be installed where ground is unstable
 - > Can be installed in shallow trenches
- Less bedding materials required saving cost
 - > Can be laid in 'as dug' trenches
- Fit and forget peace of mind
 - > BS437 connectivity with existing cast iron drainage systems.
 - > Exceptional service life

Encasing pipework in the concrete slab

- Cast iron has the proven strength and crush resistance to withstand the weight of the concrete and remain robust during the pouring process unlike the more volatile lighter-weight plastic materials which can require filling to weigh them down.
- Cast iron is not affected by the high temperatures generated during the pouring and curing process—which can reach temperatures in excess of 70°, depending on the volume of concrete.
- Cost of failure can be very high if concrete slabs require digging up to repair drainage failures.





Timesaver Soil

The Timesaver soil system, was the first mechanically jointed cast iron system launched in 1973, for use on above ground soil and waste, vent and rainwater installations serving commercial, public and residential buildings for over 40 years.

Product Standard

BS 416 part 2 mechanically jointed systems
Timesaver is Kitemark approved



Applications

Refurbishment

- Prestigious commercial buildings built in the late 1970's to the late 90's which are serviced by cast iron soil stacks, will most likely be Timesaver or traditional socket and spigot soil systems. If the building is to be refurbished or changes are to be made retaining some of the existing pipework—then Timesaver is the best suited to connect to the original pipework.
- Heritage external soil stacks—traditional appearance sanitary soil pipework installed on the outside of the building.
- Commercial, public and residential buildings
 - > Sanitary soil, vent and waste pipes
 - > Internal rainwater systems

Features

- 50, 75, 100 and 150mm diameter pipes and fittings
- 1.8m (6ft) double spigot pipes in 75 and 100mm
- Two piece ductile iron mechanical couplings
 - > Electrical continuity clips available supplied separately in bags
- Traditional 'Heritage' push-fit sockets
 - > 50, 75 and 100mm (150mm see Ensign)
- Comprehensive fittings range
 - > Swept branches in compliance with BS EN 12056 part 2
 - > Access bends and branches
 - > Waste connection fittings



Benefits

- Push-fit Heritage style couplings
 - > To give traditional appearance without the labour intensive caulking of socket and spigot pipework
 - > The most inclusive range 50-100mm
- Pipes available in 1.8m (6ft) in 75 and 100mm diameters to support this field of application
- Complete range of pipes and fittings to support refurbishment of existing Timesaver stacks in commercial buildings
- All benefits of cast iron
 - > Non-combustible fire rated A1
 - > Excellent acoustic properties
 - > Minimal expansion
 - > Strong and robust
 - > Excellent environmental properties:
 - > Made from up to 97% recycled content
 - > Virtually 100% recyclable indefinitely
 - > Long life span

Timesaver Drain & Soil

Coating

- 3m Pipes:
 - > Internally lined with an ochre two-part epoxy coating
 - > Externally coated in a black alkyd paint.
- Fittings and couplings
 - > Internally and externally coated in a black water-based paint

Overpainting

- The Timesaver coating shall accept over-coating with alkyd and water based paints normally used on metallic structures

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	BELOW GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
3m Double Spigot Pipe						
					TD00	
	100	26	56.1	A	156568	190.42
	150	11	95.1	A	156832	352.47
	225	4	195.0	A	157042	1,055.08
Standard Coupling (EPDM Gasket)						
					TD01	
	100	8	2.8	A	191294	40.65
	150	6	3.9	A	191295	49.25
	225	1	8.4	A	191296	112.86
Continuity Clip to suit TD01 Coupling (Bag of 25)						
					GT96L	
	100/150	25	0.8	C	191190	87.77
Continuity Clip to suit TD01 Coupling (Bag of 25)						
					GT968	
	225	25	0.1	C	191193	140.30
Stepped Coupling (EPDM Gasket)						
					TD02	
	100	8	2.8	A	191297	42.18
	150	6	3.9	A	191298	51.34
Continuity Clip to suit TD02 Coupling (Bag of 25)						
					GT96T	
	100	25	0.9	C	191191	96.45
Continuity Clip to suit TD02 Coupling (Bag of 25)						
					GT96T6	
	150	25	0.9	C	191192	105.30
Hanging Bracket or Wall Fixing—cast iron						
					TD640	
	100	1	2.3	B	191358	34.05
	150	1	2.8	B	191359	35.98
	Mild Steel Hanging Bracket or Wall Fixing M12					
	225	1	4.0	B	192374	102.62

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	BELOW GROUND ▼		
				^A DSC.	PRODUCT CODE	UNIT PRICE £
Medium Radius Bends						
	TD06					
	87.5° Medium Radius Bends					
	100	1	8.1	C	191219	76.08
	150	1	16.0	B	191225	175.04
	225	1	41.5	B	191229	531.05
	80° Medium Radius Bend					
	100	1	8.7	C	191218	81.25
	67.5° Medium Radius Bends					
	100	1	7.5	C	191217	81.25
	150	1	13.8	C	191224	175.04
	60° Medium Radius Bend					
	100	1	6.0	B	191216	76.08
	45° Medium Radius Bends					
	100	1	5.8	A	191215	64.65
	150	1	10.1	B	191223	140.07
	225	1	31.8	B	191228	531.05
	35° Medium Radius Bends					
	100	1	4.6	A	191214	64.65
	150	1	9.3	B	191222	175.04
	22.5° Medium Radius Bends					
100	1	3.6	A	191213	64.65	
150	1	7.2	B	191221	131.16	
225	1	18.4	B	191227	531.05	
10° Medium Radius Bends						
100	1	3.0	A	191212	64.65	
150	1	5.2	B	191220	131.16	
225	1	13.0	C	191226	531.05	
87.5 Medium Radius Bend with Heel Rest						
	TD07					
	100	1	9.2	B	191230	87.26
	150	1	18.0	B	191231	242.86
Medium Radius Bend with Rear Access						
	TD08					
	87.5°					
	100	1	11.4	C	191233	166.97
	150	1	20.3	C	191235	371.13
	225	1	57.8	C	191237	813.58
	45°					
	100	1	8.7	C	191232	163.78
	150	1	15.9	C	191234	400.03
225	1	46.8	C	191236	813.58	
Medium Radius Bend with Side Access						
	TD09					
	87.5° Medium Radius Bend Side Access					
	100	1	12.4	C	191239	211.36
	150	1	20.5	C	191241	371.13
	225	1	57.5	C	191243	793.78
	45° Medium Radius Bend Side Access					
	100	1	10.0	C	191238	199.81
	150	1	26.6	C	191240	484.98
	225	1	46.8	C	191242	793.78

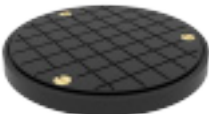
DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	BELOW GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
87.5° Long Radius Bend						
	TD15					
	100	1	12.9	B	191244	125.71
	150	1	24.1	C	191245	251.48
87.5° Long Radius Bend with Heel Rest						
	TD22					
	100	1	15.1	B	191246	135.16
	150	1	28.0	C	191247	296.32
87.5° Long Tail Bend (815mm)						
	TD102					
	100 x 815	1	18.6	C	191289	192.81
87.5° Long Tail Bend (850mm) Large Radius						
	TD104					
	†100 x 850	1	33.0	C	197173	471.90
	†100 x 850	1	54.0	C	192699	760.85
45° Clearing Arm Bend						
	TD425					
	100	1	11.9	C	191292	147.25
Plain Single Branches						
	TD37					
	87.5° Plain Branches					
	100 x 100	1	7.6	B	191250	100.91
	150 x 100	1	17.7	B	191252	217.93
	150 x 150	1	21.8	C	191254	249.03
	225 x 100	1	40.0	C	191256	645.02
	225 x 150	1	46.3	C	191258	687.94
	225 x 225	1	58.5	C	191260	764.68
	67.5° Plain Branch					
	100 x 100	1	8.9	C	191249	106.23
	45° Plain Branches					
	100 x 100	1	11.4	A	191248	100.91
	150 x 100	1	16.6	B	191251	228.13
	150 x 150	1	25.3	B	191253	249.03
	225 x 100	1	42.0	C	191255	645.02
	225 x 150	1	45.8	C	191257	687.94
	225 x 225	1	64.4	C	191259	764.68

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	BELOW GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
Single Branches with Access Door—Right Hand						
	TD51					
	87.5° Branch with Access Door—Right Hand					
	100 x 100	1	14.2	C	191262	232.79
	150 x 100	1	21.4	C	191264	429.76
	225 x 150	1	67.3	C	191267	1,003.23
	225 x 225	1	79.5	C	191269	1,066.52
	45° Branch with Access Door—Right Hand					
	100 x 100	1	15.0	C	191261	232.79
	150 x 100	1	21.9	C	191263	412.05
	225 x 100	1	62.8	C	191265	972.33
	225 x 150	1	66.8	C	191266	1,003.23
225 x 225	1	85.4	C	191268	1,066.52	
Single Branches with Rear Access						
	TD52					
	87.5° Branch with Rear Access					
	100 x 100	1	13.4	C	191271	232.79
	150 x 100	1	22.9	C	191273	429.76
	225 x 100	1	62.8	C	191275	972.33
	225 x 150	1	62.4	C	191276	1,003.23
	225 x 225	1	79.5	C	191278	1,066.52
	45° Branch with Rear Access					
	100 x 100	1	16.1	C	191270	244.00
	150 x 100	1	22.9	C	191272	412.05
	225 x 100	1	63.0	C	191274	972.33
225 x 225	1	84.40	C	191277	1,066.52	
Single Branches with Access Door—Left Hand						
	TD53					
	87.5° Branches with Access Door—Left Hand					
	100 x 100	1	11.7	C	191280	244.00
	150 x 100	1	21.2	C	191282	429.76
	225 x 100	1	61.0	C	191284	972.33
	225 x 150	1	67.3	C	191286	1,003.23
	225 x 225	1	79.5	C	191288	1,066.52
	45° Branches with Access Door—Left Hand					
	100 x 100	1	15.0	C	191279	244.00
	150 x 100	1	21.2	C	191281	412.05
	225 x 100	1	62.8	C	191283	972.33
	225 x 150	1	66.8	C	191285	1,003.23
225 x 225	1	85.4	C	191287	1,066.52	
Double Plain Branch 87.5°						
	TD447					
	100 x 100	1	10.6	C	191293	171.58
Access Pipes						
	TD56					
	100	1	9.7	C	191344	187.93
	150	1	15.4	C	191345	343.17
	225	1	62.6	C	191346	833.61

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	BELOW GROUND ▼ ΔDSC.	PRODUCT CODE	UNIT PRICE £
Taper Pipe						
					TD41	
	150 x 100	1	3.5	B	191333	99.15
	225 x 100	1	13.6	C	191334	254.22
	225 x 150	1	13.4	B	191335	254.22
	*225 x 200	1	6.2	C	191336	226.55
	*225 x 250	1	9.8	C	192431	235.94
*Connects to 200mm Ensign						
Socket Ferrule with C.I. Cap						
					TD36	
	100	1	3.4	C	191330	128.34
Blank End—Plain (for BSP Blank End Connection use GT71 and Stepped Coupling TD02)						
					TD34	
	100	1	1.3	A	191326	32.71
	150	1	2.5	B	191327	62.40
	225	1	10.7	B	191328	287.32
Transitional Pipe Adaptor from Timesaver Drain to Supersleve						
					TD118	
	100	1	2.1	B	191350	52.50
	150	1	5.0	C	191351	91.94
Gully Trap—Plain						
					TD60	
	87.5° Gully Trap—Plain					
	100	1	12.1	B	191399	100.91
	150	1	24.4	C	191400	251.10
	45° Gully Trap—Plain					
	100	1	11.5	C	191398	268.37
	180° Gully Trap—Plain					
	100	1	14.1	C	191397	137.88
87.5° Gully Trap with Surface Access						
					TD107	
	100	1	23.3	C	191402	291.80
87.5° Gully Trap with 225mm Inlet						
					TD64	
	100	1	24.0	C	191401	246.28
Horizontal Running Trap with Double Access						
					TD475	
	100	1	23.0	C	191404	502.99
	150	1	55.4	C	191405	857.74
	225	1	143.0	C	191406	2,462.59

Prices exclude VAT *Made to order
⁴Delivery Service Category DSC (see page 13)

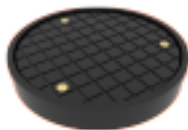
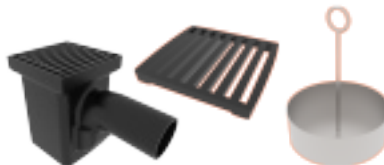
Ensign • EEZI-FIT • **Timesaver** • VortX • Classical Rainwater

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	BELOW GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
Gully Inlet—Plain (Body Only)						
	100	1	8.4	C	TD500	
					191301	105.11
Gully Inlet with Horizontal Branch (Body Only)						
	100 x 100	1	10.5	C	TD105	
					191299	141.22
Gully Inlet with Vertical Branch (Body Only)						
	100 x 100	1	13.7	C	TD106	
					191300	141.22
Plain Raising Piece 190mm to Bellmouth TD500/TD105/TD106						
	100 x 150 high	1	7.8	C	TD525	
					191303	289.53
					100 x 300 high	1
Plain Grate						
	200	1	1.6	B	TD612	
					191385	12.88
Solid Cover						
	200	1	2.1	C	TD613	
					191386	56.77
Hinged and Locking Grate						
	200	1	1.9	C	TD614	
					191387	203.78
Sealed Plate and Frame						
	200	1	2.8	B	TD615	
					191388	103.61
Greased Sealed Cover and Frame						
	200	1	1.7	C	TD616	
					191389	114.01

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	BELOW GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
Raising Piece—Plain 225mm Ø						
					TD678	
	75 high	1	9.5	C	191363	155.22
	115 high	1	11.6	C	191365	176.82
	150 high	1	13.5	C	191364	205.99
	225 high	1	17.0	C	191366	219.02
	300 high	1	21.5	C	191367	228.55
Raising Piece with 100mm Ø Inlet						
					TD108	
	225 high	1	19.1	C	191347	209.67
Raising Piece with 3 x 100mm Ø 90° Inlets						
					TD111	
	225 high	1	23.1	C	191348	557.36
Gully Inlet—Tapered Plain						
					TD684	
	100	1	12.9	C	191368	148.75
	150	1	16.0	C	191369	167.80
Gully Inlet—Tapered with 100mm Ø Inlet						
					TD120	
	100 x 100	1	14.2	C	191352	193.59
Gully Inlet—Tapered with 3 x 100mm Ø 90° Inlets						
					TD123	
	100 x 100	1	20.3	C	191353	321.77
Light Grate						
					TD650	
	265	1	3.6	B	191390	28.89
Heavy Grate						
					TD651	
	265	1	8.0	B	191391	49.25
Hinged and Locking Grate						
					TD653	
	265	1	5.3	C	191360	287.76

Prices exclude VAT *Made to order
⁴Delivery Service Category DSC (see page 13)

Ensign • EEZI-FIT • **Timesaver** • VortX • Classical Rainwater

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	DSC.	BELOW GROUND ▼					
					PRODUCT CODE	UNIT PRICE £				
Sealed Plate and Frame										
	265	1	5.2	C	TD661					
					191361	95.76				
Grease Sealed Cover and Frame										
	265	1	6.5	C	TD662					
					191362	266.65				
Trapless Gully with 87.5° Outlet										
	100	1	17.7	C	TD467					
					191403	248.29				
Deans Trap 600mm Deep with 87.5° Outlet										
	100	1	55.4	C	TD550					
					191407	499.89				
					Galvanised Sediment Pan					
					1	1.9	C	191181	182.29	
Can be used with grating options TD650 to TD653 and TD661/2										
Gully Trap—435mm Deep with 87.5° Outlet										
	100	1	30.8	B	TD551					
					191408	417.29				
					Galvanised Sediment Pan					
					—	1	2.0	C	191182	168.57
Can be used with grating options TD650 to TD653 and TD661/2										
Square Top Gully Trap—255 x 250 x 415mm Deep with 87.5° Outlet										
	100	1	26.8	C	TD553					
					191381	344.14				
					Galvanised Sediment Pan					
					—	1	1.0	C	191183	70.96
					Grate to suit					
—	1	3.2	C	191380	158.06					
Garage Gully—300 x 545mm Deep with 87.5° Outlet										
	100	1	80.7	C	TD554					
					191410	1,061.06				
					Galvanised Sediment Pan					
					—	1	3.0	C	191184	233.02
					Grate to suit					
—	1	23.0	B	191382	132.23					
This product is available with 1, 2 or 3 Fresh Air Inlets — P.O.A.										
Raising Piece for TD554										
	305mm Ø x 75mm high	1	12.7	C	TD559					
					191354	212.89				
					305mm Ø x 150mm high					
					1	20.4	C	191356	245.60	
	305mm Ø x 300mm high	1	37.0	C	191355	416.57				

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	BELOW GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
Trapless Gully Trap—300 x 615mm Deep with 87.5° Outlet						
					TD556	
	100	1	45.4	C	191409	387.94
	Galvanised Sediment Pan					
	—	1	1.9	C	191181	182.29
Garage Gully Trap—405 x 610mm Deep with 87.5° Outlet						
					TD558	
	100	1	74.6	C	191418	1,181.81
	Galvanised Sediment Pan					
	—	1	3.9	C	191185	198.37
	Grate to suit					
	—	1	23.1	C	191383	179.72
Airtight Inspection Eye Cover						
					TD724	
	100	1	11.1	C	191394	202.63
	150	1	14.0	C	191395	229.60
Anti-Flooding Valve						
					TD756	
	225	1	22.6	C	191421	796.70
Loose Puddle Flange						
					TD777	
	100	1	3.7	C	191371	86.82
	150	1	5.6	C	191372	93.25
	225	1	8.1	C	191373	261.28
Inspection Chamber with one branch each side						
					TD14	
	100 x 100	1	19.6	B	191306	355.68
	150 x 100	1	24.7	C	191307	460.82
	150 x 150	1	42.8	C	191308	584.77
	†225 x 100	1	100.0	C	191309	1,726.49
	†225 x 150	1	110.0	C	191310	1,868.32
	†225 x 225	1	174.0	C	191311	2,303.46
Inspection Chambers with two branches each side						
					TD17	
	100 x 100	1	40.3	B	191312	700.17
	150 x 100	1	55.9	C	191313	935.89
	150 x 150	1	87.2	C	191314	1,167.67
	†225 x 100	1	210.0	C	191315	2,574.21
	†225 x 150	1	210.8	C	191316	2,619.53
	†225 x 225	1	240.0	C	191317	3,538.17

Prices exclude VAT †Made to order
^ΔDelivery Service Category DSC (see page 13)

Ensign • EEZI-FIT • **Timesaver** • VortX • Classical Rainwater

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	^Δ DSC.	BELOW GROUND ▼	
					PRODUCT CODE	UNIT PRICE £

'Eureka' Anti-Flood Trunk Valve (Double Spigot)



					TD750	
150	1	44.0	C	191420	3,261.15	

Intercepting Traps fitted with Plug – Traditional BS 437 fittings



					TD477	
100	1	32.7	C	191602	834.61	
150	1	57.2	C	191603	1,283.55	

Intercepting Trap fitted with Plug



					TD479	
100	1	35.7	C	191605	1,105.95	

Intercepting Traps



					TD481	
100	1	34.1	C	191607	938.48	
150	1	57.1	C	191610	1,350.20	

Can be supplied with 100 mm Fresh Air Inlet LH or RH — P.O.A.

'Eureka' Anti-Flooding Trunk Valve (Socket and Spigot)



				TD750	
100	1	42.2	C	191593	2,897.79
†225	1	244.1	C	191594	8,246.99
†300	1	414.3	C	191870	15,100.03

The PAM range of traditional drain anti-flooding traps and valves are progressively being updated.

This involves the removal of the traditional socket and the spigot bead, which will simplify installation, enabling connections to be made with standard ductile iron mechanical couplings.

See example of modified 225mm TD750 on the following page.

'Eureka' Anti-Flooding Trunk Valve



					TD752	
*100	1	76.9	C	191595	3,852.26	
*150	1	126.1	C	191596	4,806.75	
*225	1	381.4	C	191597	10,176.55	

‘EUREKA’ ANTI-FLOODING TRUNK VALVE TD750

225mm Diameter shown. Product Code 191594.
Options and pricing on page 47.



TECHNICAL SERVICES

Email: technical.soildrain.uk.pam@saint-gobain.com

Technical Enquiries: 01952 262529

SERVICE	LEAD TIME
Quotation from Standard Material List	4hrs
Quotation from Complex Material List	1-2 days
Single Drawing Take-Off	2 days
Medium Sized Drawing Take-Off (2-6 Drawings)	4-5 days
Large Project Take-Off (7+ Drawings)	Agreed on a project basis
Day-to-Day Technical Enquiries	1hr-2 days
Classical Rainwater Materials Lists and Specials	1-2 days
Classical Rainwater Drawing Take-Off — Dwellings	2-3 days
Classical Rainwater Drawing Take-Off — Public Buildings	3-4 days

Technical Enquiries: +44 (0)1952 262529 Email: technical.soildrain.uk.pam@saint-gobain.com

Prices exclude VAT *Made to order
^ΔDelivery Service Category DSC (see page 13)

Ensign • EEZI-FIT • **Timesaver** • VortX • Classical Rainwater

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	ABOVE GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
3m Double Spigot Pipe						
	GT00					
	50	53	19.5	A	156366	106.05
	75	50	25.0	A	156456	118.62
	100	38	28.0	A	156567	143.38
	150	26	43.0	A	156831	299.38
Standard Coupling (EPDM Gasket)						
	GT01					
	50	32	0.9	A	191691	18.29
	75	24	1.1	A	191692	20.21
	100	15	1.4	A	191693	26.39
	150	8	3.1	A	191694	52.68
Continuity Clip to suit GT01 Standard Coupling (Bag of 25)						
	GT96S					
	50/75/100	25	0.6	C	191189	79.74
Continuity Clip to suit GT01 Standard Coupling (Bag of 25)						
	GT96L					
	150	25	0.8	C	191190	87.77
Conversion Coupling (EPDM Gasket)						
 * Connects to 70mm Ensigns	GT12					
	65 x 75	1	1.3	A	191695	21.41
	*70 x 75	1	1.2	A	191429	21.41
	90 x 100	1	1.5	A	191696	27.58
Wall Fixing Bracket (can be fitted with Acoustic Dampener to order)						
	GT48					
	50	48	0.3	A	191720	12.26
	75	30	0.5	A	191721	13.43
	100	30	0.6	A	191722	13.76
	150	16	0.8	A	191723	25.49
Short Radius Plain Bends						
	GT02					
	87.5° Short Radius Plain Bends					
	50	1	1.3	B	191620	32.24
	75	1	2.6	B	191622	36.47
	100	1	4.7	A	191631	44.63
	150	1	4.4	C	191634	79.69
	67.5° Short Radius Plain Bend					
	100	1	2.2	C	191625	44.63
	45° Short Radius Plain Bends					
	50	1	0.5	A	191619	32.24
	75	1	2.4	B	191621	36.47
	100	1	3.3	A	191626	44.63
	150	1	3.1	C	191632	79.69
	11° Short Radius Plain Bend					
	100	1	1.3	C	191628	38.47

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	ABOVE GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
Short Radius Bends with Rear Access						
	GT03					
	87.5° Short Radius Bends with Rear Access					
	50	1	1.9	B	191636	79.47
	75	1	3.6	C	191638	86.21
	100	1	4.3	B	191642	94.39
	150	1	6.1	C	191644	134.06
	45° Short Radius Bends with Rear Access					
	75	1	3.9	C	191637	86.21
	100	1	4.6	C	191640	94.39
	150	1	8.1	C	191643	134.06
87.5° Short Radius Bend with Side Access						
	GT04					
	100	1	4.8	C	191646	94.39
Long Radius Bends						
	GT02L					
	87.5° Long Radius Bends					
	75	1	4.6	C	191623	73.16
	100	1	4.7	B	191630	72.26
	150	1	8.5	C	191635	157.58
	45° Long Radius Bend					
	100	1	6.0	C	191627	77.17
	22.5° Long Radius Bends					
	100	1	1.9	C	191624	72.26
	150	1	5.6	C	191633	173.87
	5° Long Radius Bend					
	100	1	1.4	C	191629	44.63
87.5° Long Radius Bends with Rear Access						
	GT03L					
	87.5° Long Radius Bends with Rear Access					
	75	1	5.9	C	191639	108.09
	100	1	5.8	C	191641	122.10
	150	1	10.7	C	191645	215.08
87.5° Long Radius Bend with Side Access						
	GT04L					
	100	1	7.5	C	191647	122.10
87.5° Long Tail Bend 250mm Long						
	GT43					
	100	1	4.3	C	191688	57.65

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	⁴ DSC.	ABOVE GROUND ▼	
					PRODUCT CODE	UNIT PRICE £

87.5° Long Tail Bend 815mm Long



100	1	15.1	C	GT55	191689	197.65
-----	---	------	---	------	--------	--------

Single Branches



GT06

87.5° Swept Radius Branches (Equal and unequal)

50 x 50	1	1.0	C	191649	48.51
75 x 50	1	2.5	B	191651	54.91
75 x 75	1	3.2	C	191653	54.91
100 x 50	1	2.4	B	191655	69.02
100 x 75	1	4.1	C	191657	69.02
100 x 100	1	3.3	A	191660	69.02
150 x 100	1	7.6	C	191662	130.84
150 x 150	1	11.7	C	191664	171.02

67.5° Plain Branch

100 x 100	1	2.5	C	191658	69.02
-----------	---	-----	---	--------	-------

45° Branches (Equal and unequal)

50 x 50	1	1.4	C	191648	48.51
75 x 50	1	3.5	C	191650	62.15
75 x 75	1	4.4	C	191652	67.03
100 x 50	1	2.4	C	191654	69.02
100 x 75	1	4.9	C	191656	82.06
100 x 100	1	3.7	B	191659	69.02
150 x 100	1	5.8	C	191661	191.97
150 x 150	1	8.5	C	191663	171.02

87.5° Long Tail Branch Swept Radius 915mm Long



GT56

100 x 100	1	7.0	C	191690	191.14
-----------	---	-----	---	--------	--------

Single Branches with Rear Access



GT07

87.5° Single Branches Swept Radius with Rear Access (Equal and unequal)

50 x 50	1	2.7	C	191665	105.68
75 x 50	1	3.0	C	191666	105.68
75 x 75	1	3.6	C	191668	105.68
100 x 50	1	3.2	C	191670	118.82
100 x 75	1	4.8	C	191672	118.82
100 x 100	1	4.1	C	191674	118.82
150 x 100	1	9.0	C	191676	212.58
150 x 150	1	12.0	C	191678	252.92

45° Single Branches with Rear Access (Equal and unequal)

100 x 100	1	6.9	C	191673	118.82
150 x 100	1	10.8	C	191675	230.38

87.5° Single Branch Swept Radius with Side Access—Right Hand



GT08

100 x 100	1	5.7	C	191679	118.82
-----------	---	-----	---	--------	--------

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	ABOVE GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
87.5° Single Branch Swept Radius with Side Access—Left Hand						
	GT09					
	100 x 100	1	5.8	C	191680	118.82
Double Branches						
	GT10					
	87.5° Double Branches—Swept Radius (Equal and unequal)					
	75 x 75	1	4.9	C	191681	81.55
	100 x 100	1	4.3	C	191683	85.35
	150 x 100	1	10.7	C	191684	240.31
	45° Double Branch					
	100 x 100	1	4.5	C	191682	85.35
87.5° Double Branch—Swept Radius with Access						
	GT11					
	100 x 100	1	7.0	C	191685	135.15
Parallel Branch						
	GT32					
	100 x 100	1	7.9	C	191686	84.19
87.5° Corner Swept Radius Branch						
	GT35					
	100 x 100	1	3.4	C	191687	121.32
87.5° Branch Swept Radius with 1 x 50mm BSP Boss Back						
	GT06					
	100	1	5.4	C	191743	92.43
87.5° Branch Swept Radius with 1 x 50mm BSP Boss Right Hand						
	GT06					
	100	1	4.7	C	191745	92.43
87.5° Branch Swept Radius with 1 x 50mm BSP Boss Left Hand						
	GT06					
	100	1	4.7	C	191744	92.43
Access Pipes with Round Door						
	GT14					
	75	1	4.1	B	191697	77.59
	100	1	3.2	B	191698	81.55
	150	1	6.3	C	191699	135.65

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	⁴DSC.	ABOVE GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
Access Pipes with Rectangular Door						
					GT15	
	100	1	7.2	C	191700	160.67
	150	1	16.4	C	191701	245.95
Offsets						
	Diameter x Projection				GT24	
	75 x 75	1	2.4	C	191702	47.60
	75 x 115	1	3.4	C	191704	52.32
	75 x 150	1	3.7	C	191703	61.47
	100 x 75	1	2.2	C	191705	46.96
	100 x 115	1	3.6	C	191709	66.27
	100 x 150	1	4.7	C	191706	66.27
	100 x 225	1	5.6	C	191707	86.96
	100 x 300	1	6.8	C	191708	82.98
Taper Pipes						
					GT28	
	75 x 50	1	0.6	C	191710	44.36
	100 x 50	1	0.9	C	191711	56.30
	100 x 75	1	0.9	B	191712	56.30
	150 x 100	1	2.2	C	191713	109.59
Asphalt Roof Vent Connector						
					GT73	
	100	1	2.1	C	191733	77.09
Blank Ends—Plain						
					GT70	
	50	1	0.2	B	191724	11.20
	75	1	0.5	C	191725	13.99
	100	1	0.8	A	191726	13.55
	150	1	1.9	C	191727	19.59
Blank Ends with 50mm Push-fit Connector						
					GT71	
	75	1	0.5	C	191728	27.55
	100	1	0.9	C	191729	29.56
	150	1	2.0	C	191731	35.52
Blank Ends D/T 2" BSP						
					GT71T	
	100	1	0.9	C	191730	33.47
Universal Connector EPDM						
					EF07IR	
	50 x 56/48/40 (OD Dimension)	1	0.1	B	155759	15.43

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ΔDSC.	ABOVE GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
'P' Trap						
					GT34	
	100	1	4.4	C	191714	71.55
'P' Traps with Heel Access (*No Support Lug)						
					GT37	
	*50	1	2.0	C	191715	109.50
	*75	1	6.7	C	191716	109.50
	100	1	5.3	C	191717	121.36
150	1	12.0	C	191718	211.89	
Bellmouth Gully Inlet						
					GT483	
	100	1	2.4	C	191737	103.56
	Grate to suit					
	—	1	1.6	B	191385	12.88
Loose Puddle Flange (Grey Epoxy Coated)						
					ED078	
	100	1	4.0	C	191829	75.83
Boss Pipes 150mm Long with Single Boss						
					GT106	
	Boss Pipes—150mm Long with Single Boss and 50mm Waste Compression Joints					
	50	1	1.1	C	192236	66.75
	100	1	2.2	B	192237	79.69
	150	1	3.8	C	192239	130.09
	Boss Pipes—150mm Long with Single Boss and D/T 50mm BSP					
	75	1	1.7	B	191739	66.75
100	1	1.7	B	192238	82.20	
Boss Pipes 150mm Long with 2 x 50mm Bosses Opposed and 50mm Waste Compression Joint						
					GT109	
	100	2	2.5	C	192240	103.09
	150	2	4.5	C	192360	147.26
Boss Pipes 150mm Long with 2 x 50mm Bosses at 90° and 50mm Waste Compression Joint						
					GT115	
	100	2	2.8	C	192241	103.09

Prices exclude VAT *Made to order
⁴Delivery Service Category DSC (see page 13)

Ensign • EEZI-FIT • **Timesaver** • VortX • Classical Rainwater

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	ABOVE GROUND ▼ ⁴ DSC.	PRODUCT CODE	UNIT PRICE £

Strap On Boss



GT133					
100	1	1.2	A	192323	65.46
Hole Saw Arbour with Drill (Accessory Tools for use with GT133)					
—	1	0.2	C	192327	46.15
64mm Hole Saw for Cast Iron (Accessory Tools for use with GT133)					
—	1	0.2	C	192326	47.20
Pilot Drill (Accessory Tools for use with GT133)					
—	1	0.03	C	192328	11.62

Boss Pipe 240mm Long with 2 x 50mm Bosses In Line and Push-Fit Connection



					GT132	
100	2	3.1	C	191742	104.16	

ACCESSORIES

Ratchet Spanner



EF100					
—	1	0.6	B	191201	78.95

'T' Spanner (Box)



EF098						
—	1	0.1	B	191200	8.62	

13mm Deep Socket



EF101					
—	1	0.1	B	191202	19.85



Timesaver Heritage System

Timesaver is a mechanically jointed cast iron soil system to BS 416 part 2, British Standard Kitemark approved. The range includes push-fit couplings that turn a mechanical system into one with a traditional socket appearance of yesteryear, as depicted in BS 416 part 1 — but without the labour intensive caulked jointing method. Supplied in a black water based primer coat the product is easy to overpaint and is the modern solution for external cast iron soil stacks, often seen on listed buildings, pre-1960's housing and properties situated in areas of conservation.

The Heritage couplings are available in 50, 75, 100 and 150mm diameters that connect standard Timesaver pipe and fittings. Pipes are available in 3m lengths for 50mm and 150mm diameter (also available on 75 and 100mm) and 1.8m (6ft) lengths in 75 and 100mm diameters specifically introduced to meet this field of application.



The Heritage couplings are available in three types:

- With fixing ears to fit to the wall
- Plain without ears for connection only
- Slip version available to use when pipework already installed.



Coupling Gaskets

Saint-Gobain PAM have introduced new gaskets for the Heritage couplings to ease installation further.



1 Apply a small amount of lubricant (i.e. lubricant prod code 199037 on the lip of the rubber gaskets, both ends, to ease insertion of pipe/fitting.

2 Push joint over the end of pipe/fitting. Ensuring the central register is abutted against the spigot edge evenly. If the joint is eared, fix to wall using anti-corrosion coach screws or similar.

3 Push the second pipe or fitting into the gasket again ensuring that the spigot is abutted.

The rubber seals are factory fitted to the socket, and a suitable lubricant is recommended to ease the assembly.



Prices exclude VAT *Made to order
⁴Delivery Service Category DSC (see page 13)

Ensign • EEZI-FIT • **Timesaver** • VortX • Classical Rainwater

DESCRIPTION	SIZE Ø mm	PACK SIZE	NOMINAL WEIGHT KG	⁴DSC.	ABOVE GROUND ▼	
					PRODUCT CODE	UNIT PRICE £
Double Spigot Pipe						
	GT00					
	50 x 3m	35	19.5	A	156366	106.05
	75 x 1.8m (6ft)	1	15.0	C	206854	77.54
	100 x 1.8m (6ft)	1	18.5	A	192423	91.13
	150 x 3m	20	43.0	A	156831	299.38
Heritage Plain Couplings—Push-fit Joint						
	GT05P					
	50	1	1.4	B	192418	28.98
	75	1	1.4	B	206855	31.83
	100	1	1.8	A	192421	33.30
	150	1	3.6	C	266537	53.77
Heritage Couplings Eared—Push-fit Joint						
	GT05E					
	50	1	1.4	C	192417	29.87
	75	1	2.1	B	206856	32.78
	100	1	2.6	A	192420	36.17
	150	1	3.6	C	266536	56.79
Heritage Couplings Slip—Push-fit Joint						
	GT05S					
	50	1	1.4	C	192419	37.54
	75	1	1.9	C	206836	39.00
	100	1	2.6	C	192422	43.85
	150	1	3.6	C	266538	63.20
Single Gasket to suit 100mm Push-fit Joint						
	100	1	0.1	C	156133	5.40
Reducing Gasket to suit 90mm Push-fit Joint (Reduces 100 Push-fit Joint to 90mm Soil Pipe)						
	100 x 90	1	0.1	C	156132	16.96
Bracket to Suit 100mm Eared (EC001E/GT05E) Push-fit Joint						
	EF053					
	100	1	0.2	C	192333	45.66
450mm Extended Arm Bracket						
	EF053A					
	100	1	0.2	C	192363	45.66
Cast Iron Wall Spacer Plate						
	50	1	0.2	C	192424	6.60
	75	1	0.3	C	206838	6.60
	100	1	0.4	C	192425	6.60
Lubricant 500g Tub (To suit Eared Push-fit Joints GT05E)						
	—	1	0.4	C	199037	22.02