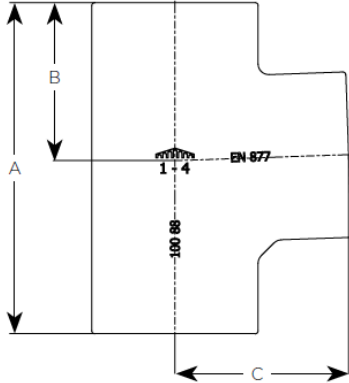
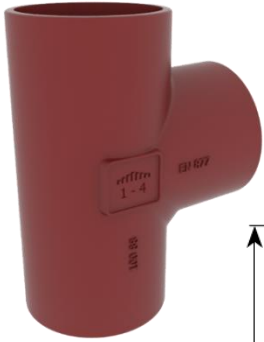


EF006 – 88° Single Branch



Product code	Dia	A	B	C	WTKG
191469	50X50	145	66	80	1.0
191472	70X50	155	72	90	1.5
191475	70X70	180	83	85	1.7
191479	100X50	170	76	105	2.0
191482	100X70	190	88	110	2.3
191485	100X100	220	105	115	2.7
191490	125X100	235	110	130	4.0
191492	125X125	260	123	135	4.2
191497	150X100	245	115	145	4.6
191499	150X125	275	128	150	5.8
191501	150X150	300	142	155	6.0
191505	200X200	380	180	200	13.3
191508	250X250	468	228	243	22.6
191466	300X300	530	265	165	35.5

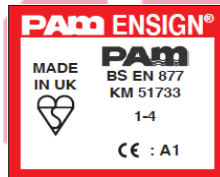
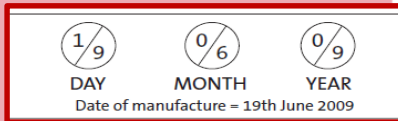
General Description

88° Single Branch


Technical Specification

- Product code:** See Table
- Standard:** BS EN 877: 1999/AC: 2008
- Material:** Cast Iron – BS EN 1561
- Coating:** Red epoxy to an average thickness of 70microns
- Component Fire Rating:** A1
- System Fire Rating:** A1
- Water Temperature Rating:** 95° +/- 2° (Resistance to Hot Water in 24hr cycle constant)

Product Identification



CE Marking Certificate



SAINT-GOBAIN PAM UK
Lows Lane
Stanton-by-Dale - Ilkeston
Derbyshire DE7 4QU
08

Unique identification code of the product-type: E001A
Declaration of Performance N°DoP-001UK
AVCP: 3 for reaction to fire (Range)
4 for all other characteristics

EN 877:1999/AC:2008

Cast iron pipes and fittings, their joints and accessories
for the evacuation of water from buildings

ENSIGN S (Soil) Range
Pipes, fittings and couplings DN 50-600

Reaction to fire	
- Cast iron	A1
- Range	A1
Internal pressure strength	Conform
Dimension tolerances	Conform
Impact resistance	Conform
- Mechanical properties (pipes)	
• Tensile strength	300 MPa (average value)
• Ring crush strength	450 MPa (average value)
• Brinell hardness	220 HB (average value)
Tightness	Conform
- Water tightness *	
Internal pressure	
DN ≤ 200	≥ 5 bar
DN > 200	≥ 3 bar
* excluded flexible couplings, joints connecting to sanitary ware ...)	
Durability	Conform
- External coatings	
• Pipes	Acrylic/Conform
• Fittings	Epoxy/Conform
- Internal coatings	
• Pipes **	Epoxy/Conform
• Fittings **	Epoxy/Conform
** including resistance to salt spray	

Saint Gobain PAM

Lows Lane, Stanton-by-Dale
Ilkeston, Derbyshire, DE7 4QU

Sales : 0115 930 0630

Technical T:01952 262 529 F: 01952 262 592

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

* PLEASE NOTE: At the time this data sheet was prepared all the data shown was accurate at the time of release.

