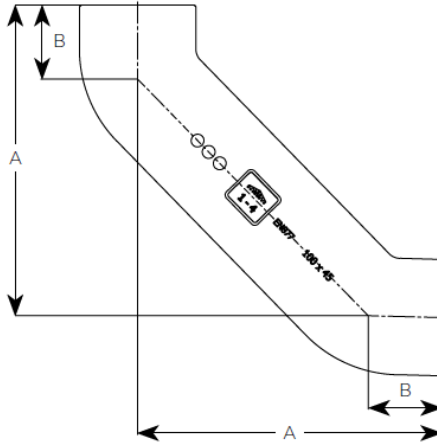


## EF054 – 88° Bend – Long Tail Double Bend



Product code	Dia	A	B	C	WTKG
191837	70	273	60	58	3.1
191838	100	291	70	58	4.4

88° bend – Short double bend available on request



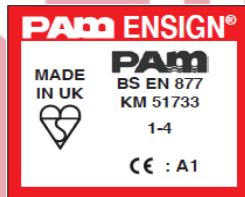
### General Description

Long Tail Double Bend 88°


### 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	
	≥ 1500 h

### Saint Gobain PAM

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

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

