

Mells Pipes

1. *Unique identification code of the product type:*

Precast concrete pipes and fittings with flexible joints (reinforced and unreinforced products)

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) of the CPR:*

Nominal sizes not exceeding DN1750 with circular bore, or WN/HN 1200/1800 for units with an egg-shaped bore (see individual product markings for size and manufactured date)

3. *Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:*

For the conveyance of sewerage, rainwater and surface water under gravity or occasional low head of pressure, in pipelines that are generally buried

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required under article 11(5):*

Marshalls Civils & Drainage, Mells Road, Mells, Nr Frome, Somerset, BA11 3PD

5. *Where applicable, name and contact address of the authorised representative whose mandate covers the task specified under Article 12(2):*

Not applicable

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:*

System 4

7. *In case of the declaration of performance concerning a construction product covered by a designated standard:*

BS EN 1916: 2002

8. *In case of the declaration of performance concerning a construction product for which a UK Assessment Document has been issued:*

Not applicable

9. Declared Performance:

Essential characteristics	Performance	Harmonised technical specification
Dimensional tolerances relevant to joints	As per factory documents to comply with the watertightness and joint performance criteria	EN 1916:2002 clauses 4.3.3.2 and 4.3.4.1
Crushing strength	Circular pipes – Class 120 Ovoid pipes – Class 150	EN 1916:2002 clause 4.3.5 and BS 5911-1:2021 clause 5.6
Longitudinal bending strength	NDP (dimensionally adequate)	EN 1916:2002 clause 4.3.6
Watertightness	50kPa (0.5bar) internal hydrostatic test pressure	EN 1916:2002 clause 4.3.7
Durability	Water cement ratio ≤ 0.45 Max chloride content of 1% (unreinforced products) or 0.4% (reinforced products) Water absorption $\leq 6\%$ by mass Joint validation by Method 1 or 2 Concrete cover $\geq 15\text{mm}$	EN 1916:2002 clauses 4.3.9 and 5.3.1.2

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, As it has effect in the United Kingdom” under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Simon Bourne

Date: 15th April 2024

Chief Operating Officer

Place of Issue: Elland, Halifax, UK

Version History: BS 5911-1 updated to 2021 and job title updated.