

**Declaration of Performance**  
**No: PD01 – Pollington Pipes (Version 2)**

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 harmonised 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 CPM, Pollington, Goole, East Riding of Yorkshire, DN14 0DU**

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 harmonised standard:*

**BS EN 1916: 2002**

8. *In case of the declaration of performance concerning a construction product for which a European Technical Assessment 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 5911-1:2002 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 $\leq 0.45$  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.

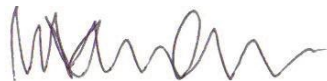
*This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.*

Signed for and on behalf of the manufacturer by:

**Name:** Mark Flavell

**Position:** Technical Director

**Signed:**



**Date:** 04.09.2019

**Place of issue:** Wombourne, West Midlands, UK