

## Declaration of Performance Pollington Redi-Rock Retaining Wall System

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

**Precast concrete modular block retaining wall system**

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:*

**Standard series of varying types (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:*

**To retain ground excavations and earthfills subject to a surcharge load. Products to be used as elements in a modular gravity retaining wall.**

4. *Name and address of notified body:*

**British Board of Agreement, Bucknalls Lane, Watford, Herts, WD25 9BA**

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

**Marshalls Civils & Drainage, Pollington, Goole, East Riding of Yorkshire, DN14 0DU**

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

**Not applicable**

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

**Level 2+**

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

**BS EN 15258:2008**

9. *In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:*

**Not applicable**

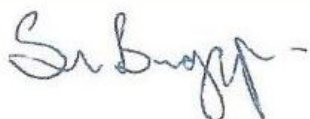
10. Declared Performance:

Essential characteristics	Performance	Harmonised technical specification
Compressive Strength	40N/mm <sup>2</sup>	EN 15258 cl 4.2.2.1
Ultimate tensile and tensile yield strength (of steel)	Unreinforced	
Mechanical Resistance (Method 2)	Dependant on client specification with assessment for Complete Wall: Overturning, sliding and foundation bearing capacity Internal Stability: overturning, sliding Ultimate / Design value for dome shear strength = 70 / 46.6kN Partial factor for materials: Concrete = 1.5	EN 15258 cl 4.3.3
Detailing	Refer to Factory Documentation	EN 15258 cl 4.3.1
Durability	Minimum cementitious content =380kg/m <sup>3</sup>  Water cement ratio ≤0.45  Max chloride content of 1% (unreinforced products)  Maximum cementitious alkali content 0.75% Na <sub>2</sub> O eq  Unreinforced	EN 15258 cl 4.3.7
Water Vapour Permeability	NA	

11. 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:



Simon Bugeja

Date: 3<sup>rd</sup> September 2020

Manufacturing Director MLP/Civils & Drainage

Place of issue: Elland, Halifax, UK

Version History: Version 3 issued due to change in Company name and signatory.