

## 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 designated 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 CPM, 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 conformity concerning a construction product covered by a designated standard:*

**BS EN 15258:2008**

**Not applicable**

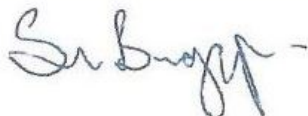
9. Declared Performance:

| 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<br>Complete Wall: Overturning, sliding and foundation bearing capacity<br>Internal Stability: overturning, sliding<br>Ultimate / Design value for dome shear strength = 70 / 46.6kN<br>Partial factor for materials:<br>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><br><br>Water cement ratio ≤0.45<br><br>Max chloride content of 1% (unreinforced products)<br><br>Maximum cementitious alkali content 0.75% Na <sub>2</sub> O eq<br><br>Unreinforced   | EN 15258 cl 4.3.7                  |
| Water Vapour Permeability                              | NA   |                                    |

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 conformity is issued under the sole responsibility of the manufacturer identified in point 4.*

Signed for and on behalf of the manufacturer by:



Simon Bugeja

Manufacturing Director

Date: 1<sup>st</sup> February 2021

Place of issue: Elland, Halifax, UK