



EN 15258:2008

DECLARATION OF PERFORMANCE

Groundwall

Identification No. WRW

1. Product Type

Unique identification code of the product type: **Groundwall Retaining Walls**

2. Type,

batch or serial number or any other element allowing identification of the construction product as required under article 11(4): **1000mm to 5000mm high, cast in, H16, H20**

3. Intended Use

or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **Concrete retaining walls to retain natural ground, earth fills and several kinds of loose materials as sand, gravel, etc. in structures of buildings and other civil engineering works, but not to retain liquids in tanks or reservoirs.**

4. Name, registered trade name

or registered trade mark and contact address of the manufacturer as required in Article 11(5): **Naylor Concrete Products Ltd
Whaley Road
Barnsley
S75 1HT**

5. Contact Address:

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): **(see 4)**

6. AVCP:

System or systems of assessment and verification of constancy of performance of the construction products as seen out in CPR, Annex V: **System 2+**

7. Approved Body hEN:

In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard: **EN 15258:2008 & BS EN1992-1-1:2004 & BS EN1997-1:2004 BSi (0086) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control.**

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Declaration of Performance

8. Declared Performance



BSI - 2797

Naylor Concrete Products, Barnsley, UK, S75 1HT

26

0086 CPR 663178

EN 15258

Groundwall - Precast retaining wall elements

Concrete:

Compressive strength $f_{ck} = 50 \text{ N/mm}^2$

Reinforcing Steel:

Ultimate tensile strength $f_{tk} = 540 \text{ N/mm}^2$

Tensile yield strength $f_{yk} = 500 \text{ N/mm}^2$

Mechanical resistance (design values):

Bending moment capacity

(of the critical section)137kNm (5000 H16)

.....203kNm (5000 H20)

Shear capacity

(of the critical section)180 kN/m (5000 H16)

.....156 kN/m (5000 H20)

Material safety factors applied in strength calculation:

For concrete..... $\gamma_c = 1.5$

For steel..... $\gamma_s = 1.15$

For geometrical data, detailing, durability, water vapour permeability and other NPDs see the Technical documentation

Technical Documentation:

Position numberNI-GW-2604-5000 Rev 1

9. The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of Naylor Industries Ltd by:

Paul Whyte, Managing Director
Barugh Green, Barnsley
30th July 2026

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For Further Information:
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