# **Declaration of Performance**



## DOP/BP/SC – Retaining Walls

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type

Туре	Description
RW (H x W)	Retaining Wall

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): Precast Concrete product Retaining Walls
- 3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Precast walls to retain natural ground, loose material and to form abutments
- 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited Trading as Bison Precast 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 2+

#### 1333-CPR-00198

Essential Characteristics	Performance	Harmonised Technical Specification
Concrete Compressive Strength	C40/50 (N/mm2)	
Ultimate Tensile Strength	650 (N/mm²)	
Grade B500A: Ultimate tensile strength	525 (N/mm <sup>2</sup> )	
Grade B500B: Ultimate tensile strength	540 (N/mm²)	
Grade B500C: Ultimate tensile strength	575 (N/mm <sup>2</sup> ) min. 675 (N/mm <sup>2</sup> ) max	BS EN 15258 : 2008
Tensile yield strength(All grades)	500 (N/mm²)	
For geometrical data, detailing, mechanical strength, acoustic insulation parameters and durability see design Specification	Design Drawings and Specification Related to Client Requirements	
Dangerous Substances	NPD	BS EN 15258 : 2008

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

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:

Dr John Cotton CEng MICE, Engineering Manager

flor

Date: 22<sup>nd</sup> February 2021

Forterra Building Products Trading as Bison Prec 5 Grange Park Court, Rom Northampton, NN4 58	ast an Way
BS EN 15258:2008	3
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PRECAST PRODUC	тѕ
Reinforced precast product – Re	etaining Walls
Essential Characteristics	Performance
Concrete Compressive Strength	C40/50 (N/mm2)
Ultimate Tensile Strength	650 (N/mm <sup>2</sup> )
Grade B500A: Ultimate tensile strength	525 (N/mm²)
Grade B500B: Ultimate tensile strength	540 (N/mm <sup>2</sup> )
Grade B500C: Ultimate tensile strength	575 (N/mm <sup>2</sup> ) minimum
Grade B500C: Ultimate tensile strength	675 (N/mm <sup>2</sup> ) maximum
Tensile yield strength(All grades)	500 (N/mm <sup>2</sup> )
For geometrical data, detailing, mechanical	Design Drawings and
strength, acoustic insulation parameters	Specification Related to
and durability see design Specification Dangerous Substances	Client Requirements NPD

See Also Declaration of Performance DOP/BP/SC – Retaining Walls

# **Declaration of Performance**



### DOP/BP/SW – Retaining Walls

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type

Туре	Description
RW (H x W)	Retaining Wall

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): Precast Reinforced Concrete product Retaining Walls
- 3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Precast walls to retain natural ground, loose material and to form abutments
- 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited Trading as Bison Precast 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 2+

#### 1333-CPR-00222

Essential Characteristics	Performance	Harmonised Technical Specification
Concrete Compressive Strength	C60/75 (N/mm2)	
Ultimate Tensile Strength	650 (N/mm²)	
Grade B500A: Ultimate tensile strength	525 (N/mm²)	
Grade B500B: Ultimate tensile strength	540 (N/mm <sup>2</sup> )	
Grade B500C: Ultimate tensile strength	575 (N/mm <sup>2</sup> ) min. 675 (N/mm <sup>2</sup> ) max	BS EN 15258 : 2008
Tensile yield strength(All grades)	500 (N/mm²)	
For geometrical data, detailing, mechanical strength, acoustic insulation parameters and durability see design Specification	Design Drawings and Specification Related to Client Requirements	
Dangerous Substances	NPD	BS EN 15258 : 2008

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

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:

Dr John Cotton CEng MICE, Engineering Manager

D. I. I.D. (

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Date: 22<sup>nd</sup> February 2021

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	BS EN 15258:2008	3
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PRECAST RE	INFORCED CONCR	ETE PRODUCTS
	Retaining Walls	
Essential Characteristics		Performance
	Strength	C60/75 (N/mm2)
Concrete Compressive		
Concrete Compressive Ultimate Tensile Streng		650 (N/mm <sup>2</sup> )
	th	650 (N/mm²) 525 (N/mm²)
Ultimate Tensile Streng	th tensile strength	· · · · · ·
Ultimate Tensile Streng Grade B500A: Ultimate	th tensile strength tensile strength	525 (N/mm²)
Ultimate Tensile Streng Grade B500A: Ultimate Grade B500B: Ultimate	th tensile strength tensile strength tensile strength	525 (N/mm²) 540 (N/mm²)
Ultimate Tensile Streng Grade B500A: Ultimate Grade B500B: Ultimate Grade B500C: Ultimate	th tensile strength tensile strength tensile strength tensile strength	525 (N/mm²) 540 (N/mm²) 575 (N/mm²) minimum
Ultimate Tensile Streng Grade B500A: Ultimate Grade B500B: Ultimate Grade B500C: Ultimate Grade B500C: Ultimate Tensile yield strength(A For geometrical data, d	th tensile strength tensile strength tensile strength la grades) etailing, mechanical	525 (N/mm <sup>2</sup> ) 540 (N/mm <sup>2</sup> ) 575 (N/mm <sup>2</sup> ) minimum 675 (N/mm <sup>2</sup> ) maximum 500 (N/mm <sup>2</sup> ) Design Drawings and
Ultimate Tensile Streng Grade B500A: Ultimate Grade B500B: Ultimate Grade B500C: Ultimate Grade B500C: Ultimate Tensile yield strength(A For geometrical data, d strength, acoustic insula	th tensile strength tensile strength tensile strength Il grades) etailing, mechanical ation parameters	525 (N/mm <sup>2</sup> ) 540 (N/mm <sup>2</sup> ) 575 (N/mm <sup>2</sup> ) minimum 675 (N/mm <sup>2</sup> ) maximum 500 (N/mm <sup>2</sup> ) Design Drawings and Specification Related to
Ultimate Tensile Streng Grade B500A: Ultimate Grade B500B: Ultimate Grade B500C: Ultimate Grade B500C: Ultimate Tensile yield strength(A For geometrical data, d	th tensile strength tensile strength tensile strength Il grades) etailing, mechanical ation parameters	525 (N/mm <sup>2</sup> ) 540 (N/mm <sup>2</sup> ) 575 (N/mm <sup>2</sup> ) minimum 675 (N/mm <sup>2</sup> ) maximum 500 (N/mm <sup>2</sup> ) Design Drawings and

See Also Declaration of Performance DOP/BP/SW – Retaining Walls