

Declaration of Performance: MNSP -17

Marshall's Mono Ltd, Landscape House, Lowfields Business Park, Elland, West Yorkshire HX5 9HT

Registered in England: 509579

1. Unique identification code of the product-type:

Slabs of Natural Stone

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Whitworth Diamond Wire Sawn Paving

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Domestic/Commercial Paving for external uses (see Marshall's brochure for guidance on applications)

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Marshall's, Natural Stone, Cromwell Quarry, Southowram, Halifax, West Yorkshire, HX3 9SZ.

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in 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 Annex V:

System 4

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

BS EN 1341:2012

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

Not applicable

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9. Declared performance

Essential Characteristics	Performance	Performance	Relevant Clause of BS EN 1341:2012
Petrographic	Denomination: Pale Greenish grey fine grained sandstone, well compacted, generally hard and strong sandstone from Scoutmoor Quarry, Edenfield, Lancashire	Denomination: Pale Grey and pale grey/blue to pale green/grey, mainly fine grained, cross bedded Sandstone from Whitworth Quarry, Whitworth, Greater Manchester	4.1.1
Release of dangerous substances	NPD	NPD	4.11
Flexural Strength Lowest expected Value	21MPa	18.71MPa	4.4
Slip Resistance (wet value)	Sawn 60	Sawn 83	4.6.1
Skid Resistance	NPD Riven or textured surface	NPD Riven or textured surface	4.6.2
Freeze/thaw resistance (general) Before and after 56 cycles	26.0/21.9MPa	24.3/20.4MPa	4.3.1
Freeze/thaw resistance (De-icing salts)	NPD	NPD	4.3.2
Polishing In Use	NPD	NPD	4.6.3

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

Not applicable

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:



Mark Sutherland
Operations Director-Minerals

Date: 13th March 2019
Place of Issue: Elland, Halifax, UK

Version History: Version 1, July 2019, Issued due to change in Director Signature.

Version History: Version 1, July 2019, Issued due to addition of place of sign off.