

Declaration of Performance: MNS-01

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):*

Aruva Red

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, Landscape House, Premier Way, Lowfields Business Park, Elland, West Yorkshire, HX5 9HT

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	Relevant Clause of BS EN 1341:2012
Petrographic	Denomination: Dark red, mainly fine grained Sandstone, fresh, well to very well compacted, hard to very hard and robust	4.1.1
Release of dangerous substances	NPD	4.11
Flexural Strength Lowest expected Value	27.49MPa	4.4
Slip Resistance (wet value)	75 (mean value)	4.6.1
Skid Resistance	98 (mean value)	4.6.2
Freeze/thaw resistance (general) Before and after 56 cycles	33.4/30.1MPa	4.3.1
Freeze/thaw resistance (De-icing salts)	NPD	4.3.2
Polishing In Use	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:



Rory Kendrick

Date: 6th June 2019

International Stone Sourcing Director

Place of Issue: Elland, Halifax, UK

Version History: September 2019, version 4, amended due to addition of place of sign off.