

## Declaration of Performance: ME-348



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:*

### **Setts 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):*

### **Orion Granite Setts**

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 Setts 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 1342:2012**

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

### **Not applicable**

**Declaration of Performance: ME-348**

Marshalls Mono Ltd, Landscape House, Lowfields Business Park, Elland, West Yorkshire HX5 9HT

Registered in England: 509579

**9. Declared performance**

Essential Characteristics	Performance	Relevant Clause of BS EN 1342:2012
<b>Petrographic</b>	Denomination: Grey to grey/blue on sawn surfaces. Coarse grained syenite, fresh exhibiting schiller lustre of feldspar and possibly mafic crystals (olivine). The Stone was very well compacted, hard to very hard and strong to very strong.	4.1.1
<b>Release of dangerous substances</b>	NPD	4.11
<b>Compressive Strength</b> Lowest expected Value	81 MPa	4.4
<b>Slip Resistance</b> (wet value)	45.3 (mean value)	4.6.1
<b>Skid Resistance</b>	76.3 (mean value)	4.6.2
<b>Freeze/thaw resistance (general)</b> Before and after 56 cycles	16.8/14.8 MPa	4.3.1
<b>Freeze/thaw resistance (De-icing salts)</b>	NPD	4.3.2
<b>Polishing In Use</b>	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: 20<sup>th</sup> March 2020

International Stone Sourcing Director

Place of Issue: Elland, Halifax, UK