

## Declaration of Performance: HP-04



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:*

### **Aggregates**

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

### **Howley Park 0-2mm**

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

**For use in mortars, renders and screeds for Buildings, roads and other civil engineering works.**

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

**Howley Park Quarry, Quarry Lane, Howley Park, Woodkirk, Dewsbury, West Yorkshire, WF12 7JJ**

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 13139:2013**

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 13139:2013
Particle Grading	0/2mm	5.4
Particle Shape	Angular to Sub-angular	5.3
Particle Density	2.42 Mg/m <sup>3</sup>	6.2.1
Shell Content	NPD	5.4.2
Fine Content	NPD	5.5
Composition content		
Chlorides	<0.001%	7.2
Acid Soluble Sulphates	<0.1%	7.3.1
Total Sulphur	<0.1%	7.3.2
Constituents which alter the rate of setting & hardening or mortar	NPD	7.4
Volume Stability	NPD	7.5.1
Water Absorption	1.4%	6.2.2
Release of Dangerous Substances	NPD	5.3.5
Durability against Freeze Thaw Resistance	5.6	6.2.3.1
Durability against Alkali Silica reactivity	32.21(mmol/l) 53.85(mmol/l)	7.6.1

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:

Andrew Robinson  
Managing Director Minerals Division  
Date: 2<sup>nd</sup> May 2018