


**DECLARATION OF PERFORMANCE No.2**

<b>1. Unique identification code of the product type:</b>	<b>TYPE-2</b>	<b>Cat 1- 4" 10.4N</b>
<b>2. Intended Use:</b>	Aggregate concrete masonry units (Dense and lightweight aggregates) For use in common, facing or exposed masonry in load bearing or non-load bearing and civil engineering applications.	
<b>3. Manufacturer:</b>	Island Aggregates Ltd, Santon Plant, Santon. Isle of Man. IM4 1EF	
<b>4. Authorised Representative:</b>	Stephen Smyth-General Manger	
<b>5. AVCP:</b>	AVCP System 2+	
<b>6. Harmonised Standard:</b>	EN 771-3:2011+A1:2015	
<b>7. Notified Body:</b>	CPC - Notified Body Registration No. 1333	
<b>8. Declared Performance:</b>		

Essential Characteristic		Performance
<b>Dimensions</b>	Length	440 mm
	Width	100 mm
	Height	215 mm
	Tolerance Category	D1
<b>Configuration</b>	Shape and features	
	Grouping according to EN 1996-1-1	Group 1
<b>Compressive Strength</b>	Mean Compressive Strength	10.4 N/mm <sup>2</sup>
	Direction of load	Perpendicular to bed faces
	Unit Category	Category 1
<b>Dimensional Stability Moisture Movement</b>		≤0,55 mm/m
<b>Bond Strength</b>	Shear Bond Strength	NPD
	Flexural Bond strength	NPD
<b>Reaction to Fire</b>		A1
<b>Water Absorption</b>		8.10 g/m <sup>2</sup> s
<b>Water Vapour Permeability</b>		5/15 μ
<b>Direct Airborne Sound Insulation - Gross density</b>		2060 kg/m <sup>3</sup>
<b>Thermal Resistance</b>		(P=50) 1.00 W/(mK) (P=90) 1.19 W/(mK)
<b>Durability against freeze thaw</b>		Not to be left exposed - F0 Aggregate in accordance with EN 12620
<b>Dangerous Substances</b>		None

The performance of the product identified above is in conformity with the declared performance/s. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

**Signed for on and behalf of the manufacturer by:**

**At:** Island Aggregates Ltd, Island House, Isle of Man Business Park, Braddan, Isle of Man. IM2 2QZ

**Signature:**  **Date:** 2/2/2023

Stephen Smyth - General Manager



22

No.2 - 10.4N Type 2

Island Aggregates Ltd, Island House, Isle of Man Business Park, Braddan, Isle of Man. IM2 2QZ

EN 771-3:2011+A1:2015

CPC - Notified Body Registration No. 1333

**Intended Use:** Aggregate concrete masonry units (dense and lightweight aggregates). For use in walls columns and partitions.

**Declared Performance:**

Essential Characteristic	Performance
Dimensions	L x W x H = 440 x 100 x 215 mm
Configuration	Group 1
Tolerance Category	D1
Mean Compressive Strength	10.4 N/mm <sup>2</sup>
Direction of load	Perpendicular to bed faces
Unit Category	Category 1
Moisture Movement	≤0.55 mm/m
Shear Bond Strength	NPD
Flexural Bond Strength	NPD
Reaction to Fire	A1
Water Absorption	8.10 g/m <sup>2</sup> s
Water Vapour Permeability	5/15μ
Direct Airborne Sound Insulation	2060 kg/m <sup>3</sup>
- Gross density	
Thermal Resistance	(P=50) 1.00 W/(mK) (P=90) 1.19 W/(mK)
Durability against freeze thaw	Not to be left exposed - F0 Aggregate in accordance with EN 12620