

Michael F. Quirke & Sons

Rangue, Killorglin, Co. Kerry

Declaration of Performance (DOP) – Category 1 Aggregate Concrete Masonry Unit

1. Unique identification code of the product type:

CODE	DESCRIPTION	STRENGTH N/mm ²	Length mm	Width mm	Height mm
1B0401	4" (100mm) Solid Blocks	7.5	440	100	215
1B0601	6" (140mm) Solid Blocks	7.5	440	140	215
1B1201	12" (300mm) Solid Blocks	7.5	440	100	300
1B0301	3" (65mm) Soaps	7.5	440	100	65
1B0405	4" (100mm) Soaps	7.5	440	100	100
1B0605	6" (140mm) Soaps	7.5	440	100	140
1B0402	10N 4" (100mm) Solid Blocks	10.0	440	100	215
1B0406	20N 4" (100mm) Solid Blocks	20.0	440	100	215

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

Production details can be traced via the dispatch docket.

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

I.S. EN 771-3 2011 Aggregate concrete masonry units are intended for use as common, facing or exposed masonry in load bearing or non-load bearing building and civil engineering applications.

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

Michael F. Quirke & Sons
Rangue
Killorglin
Co. Kerry

5. Name and contact details of the authorised representative whose mandate covers the tasks specified in Article 12 (2):

Mr. John Quirke, Director, Address as above.

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 2+

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7. Notified Certification Body

NSAI performed the initial inspection of the manufacturing plant and of the factory production control and the continuous surveillance, assessment and evaluation of factory production

control, and issued the certificate of constancy of conformity of the factory production control.

FPC Certificate No: 0050 – CPR – 0327

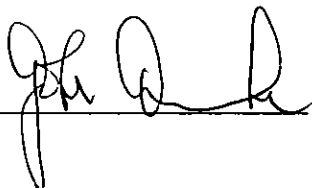
8. All aggregate concrete masonry units produced at the Michael F. Quirke manufacturing plant at Rangue, Killorglin, Co. Kerry conform to the requirements of B.S. EN 771-3:2011 – Aggregate masonry units.

Characteristics	Declared Performance	Harmonised Specification
Dimensional Tolerance	D1 (+3mm , -5mm)	I.S. EN 771-3:2011 Dense aggregate concrete masonry units
Configuration	Group 1 unit EN 1996-1-1	
Gross Density (Direct airborne sound insulation)	>1900kg/m ³	
Net Density (Direct airborne sound insulation)	>1900kg/m ³	
Compressive strength (Mean)	>7.5N/mm ²	
Thermal Conductivity	0.09 - 1.19W/mk (λ_{10} ,dry)	
Durability against freeze/Thaw	Not to be left exposed	
Water Absorption	5.13 – 8.45 g/m ² s	
Moisture Movement	<0.48 mm/m	
Water Vapour Permeability	5/15 μ	
Reaction to Fire	Euroclass A1	
Dangerous Substances	NPD	

9. The performance of the product identified in points 1 and 2 are in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of Michael F. Quirke & Sons.

Signed for and on behalf of Michael F. Quirke & Sons,



Date: 20/5/15