



# DECLARATION OF PERFORMANCE



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DOP Number: 001a/013

Designation Code: PIR-EN 13165- T2-W2-L2-DS(TH)4-DS(-20)2-WL(T)2-CS(10/Y)150

- 1. Unique Identification code of Product type**  
Quinn Therm QW – Partial Fill Cavity Wallboard
- 2. Type, Batch or Serial Number or any other Element allowing identification of the Product**  
Cavity Wall 20 -55mm
- 3. Intended use or uses of the product, in accordance with the applicable harmonized technical specification**  
PIR Thermal Insulation board for the construction Industry
- 4. Name and registered address of manufacturer**  
Quinn Therm Ltd,  
Scotchtown,  
Ballyconnell,  
Co Cavan,  
Ireland
- 5. System or systems and verification of constancy of performance of the product as set out in**  
AVCP System 3
- 6. Covered by harmonised standard**  
EN 13165
- 7. Name and address of the notified bodies determining product-type on the basis of type testing**

BRE Global, Bucknalls Lane, Watford, Herts, WD259XX, UK	British Bord of Agrément, PO Box 195, Bucknalls Lane, Garston, Herts WD2598A, UK.
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- 8. Notified Testing Laboratory Number**

BRE Test No: 0832	Notified Testing Laboratory Number BBA Test No: 0836
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# QUINN THERM

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### 9. Declared Performances

Essential Characteristic	Performance		Harmonised Technical Specification
Reaction to Fire	Euro Class F		EN 13501-1
Thermal Resistance	RD ((m <sup>2</sup> .K)/W) d <sup>N</sup> 25mm = 1.14 d <sup>N</sup> 30mm = 1.36 d <sup>N</sup> 50mm = 2.27 d <sup>N</sup> 55 mm = 2.5		EN 12939
Thermal Conductivity	W/mK		0.022
Compressive Strength	kPa		CS (10\Y)150
Water Permeability			WL(T)2
Length & Width	mm	1200 x 450	L2&W2 <1000 mm: ±4mm 1000 to 2000mm: ±5mm 2001 to 4000mm : ± 8mm >4000mm: ± 12mm
Thickness	d <sup>N</sup>		20mm – 55mm T <sub>2</sub>
Squareness	mm/m		S <sub>b</sub> <= 5
Flatness	mm		Length ≤ 2.50mm Area ≤ 0.75m <sup>2</sup> : deviation ≤ 5mm Area > 0.75m <sup>2</sup> : deviation ≤ 10mm
Release of Dangerous substances	No harmonised test method available		
Flexural Strength	NPD		
Tensile Strength Perpendicular to Faces	NPD		EN1607
Durability of reaction to fire against heat, weathering, aging/ degradation	Reaction to Fire does not change over time		
Dimensional stability under specified temperature and humidity conditions	DS(TH)4 & DS(-20,-)2		EN1604

EN 13165

10 The performance of the product identified in points 1 & 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. Name and position held by the person empowered to sign the declaration on behalf of the manufacturer.



Liam McCaffrey CEO  
16<sup>th</sup> May 2016