



# DECLARATION OF PERFORMANCE



**DOP Number:** 010/013

**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 QRFR- Ply

2. Type, Batch or Serial Number or any other Element allowing identification of the Product

Quinn Therm QRFR- Ply- Ply-deck Flat Roof bonded to plywood (6mm) - PIR rigid gastight facings. 25mm – 200mm

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.

8. Notified Testing Laboratory Number

BRE Test No: 0832

Notified Testing Laboratory Number

BBA Test No: 0836

# 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)		EN 12939
		d <sup>N</sup> 25mm = 1.13 d <sup>N</sup> 30mm = 1.36 d <sup>N</sup> 50mm = 2.27 d <sup>N</sup> 60mm = 2.73 d <sup>N</sup> 70 mm = 3.18 d <sup>N</sup> 80 mm = 3.64 d <sup>N</sup> 90 mm = 4.09 d <sup>N</sup> 100mm = 4.55 d <sup>N</sup> 110mm = 5 d <sup>N</sup> 120 mm = 5.45 d <sup>N</sup> 125 mm = 5.68 d <sup>N</sup> 130mm = 5.91 d <sup>N</sup> 140 mm = 6.36 d <sup>N</sup> 150mm = 6.82 d <sup>N</sup> 200mm = 9.09	
Thermal Conductivity	W/mK		EN12667
Compressive Strength	kPa		EN826
Water Permeability			EN12087
Length & Width	mm	2400 x 1200	EN822
		L2&W2 <1000 mm: ±4mm 1000 to 2000mm: ±5mm 2001 to 4000mm : ± 8mm >4000mm: ± 12mm	
Thickness	d <sup>N</sup>		EN 823
Squareness	mm/m		EN824
Flatness	mm		EN825
	Length ≤ 2.50m 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	No performance declared.		
Tensile Strength Perpendicular to Faces	No performance declared.		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