



# DECLARATION OF PERFORMANCE 13

**DOP Number:** 012/20

**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- Plydeck

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

Quinn Therm QRFR- Plydeck- Flat Roof PIR Insulation bonded to plywood (6mm). PIR rigid gastight facings 56mm – 206mm

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

## DECLARATION OF PERFORMANCE

### 9. Declared Performances

Essential Characteristic	Performance		Harmonised Technical Specification
Reaction to Fire	Euro Class E		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 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	EN 12939
Thermal Conductivity	W/mK	0.022	EN12667
Compressive Strength	kPa	CS (10\Y)150	EN826
Long Term Water Absorption		WL (T)2	EN12087
Length & Width	mm	1200 x 2400 L2&W2 < 1000 mm: ± 4mm 1000 to 2000mm: ± 5mm 2001 to 4000mm : ± 8mm > 4000mm: ± 12mm	EN822
Thickness	d <sup>N</sup>	56mm - 206mm T <sub>2</sub>	EN 823
Squareness	mm/m	S <sub>b</sub> ≤ 5	EN824
Flatness	mm	Length ≤ 2.50m Area ≤ 0.75m <sup>2</sup> : deviation ≤ 5mm Area > 0.75m <sup>2</sup> : deviation ≤ 10mm	EN825
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

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  
8th January 2020