



Declaration of Performance

In accordance with Regulation (EU) N° 305/2011;

We the manufacturer:

Icopal Ltd
Barton Dock Road, Manchester, M32 0YL. United Kingdom

Hereby declare the product(s) named below:

Thermazone Foilboard Insulation

Production location ref: S0012-02-101, S0012-02-102

Complies with the provisions concerning the attestation of conformity and product performance as described in Annex ZA of the product standard: **EN 13165 : Thermal insulation products for buildings. Factory made rigid polyurethane foam (PU) products.**

Description and Use: Rigid polyurethane foam thermal insulation for use in warm roofing construction applications.

System of assessment of verification of constancy of performance (AVCP): System 3

Determination of the product type on the basis of Initial Type Testing (ITT), type calculation, tabulated values or descriptive documentation of the product under system AVCP 3 was carried out by notified testing laboratory N°s. 1486.



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DECLARED PERFORMANCE

Characteristic	Test method		Performance		Units
			Thickness	Value	
Thermal resistance	EN 12667 EN 12939	Thermal resistance R_D	d _N 30 mm d _N 40 mm d _N 50 mm d _N 60 mm d _N 70 mm d _N 80 mm d _N 90 mm d _N 100 mm d _N 110 mm d _N 120 mm d _N 130 mm d _N 140 mm d _N 150 mm d _N 160 mm	1.35 1.80 2.25 2.70 3.15 3.60 4.05 4.50 5.00 5.45 5.90 6.35 6.80 7.25	(m ² ·K) ⁻¹
		Thermal Conductivity λ_D	0.022		
Length and Width tolerance	EN 822		< 1000 mm 1000 to 2000 mm 2001 to 4000 mm > 4000 mm	± 5 ± 7.5 ± 10 ± 15	mm
Thickness tolerance	EN 823		T2		-
Reaction to fire	EN 13501-1	Euroclass	Class F		-
Squareness	EN 824		S _b ≤ 5mm/m		-
Compressive strength	EN 826		CS (10\Y) 150		kPa
Dimensional Stability under specified temperature and humidity conditions	EN 1604	48 h, 70 °C, 90 % R.H.	DS (70,90) 4		-
		48 h, -20 °C	DS (-20,-) 2		-
Deformation under specified compressive load and temperature conditions	EN 1605	40 kPa, 70 °C, 168 h	DLT(2) 5		-
<i>All other essential characteristics according to EN 13165: 2012 ZA.1; NPĐ</i>					

Signed for and on behalf of the manufacturer by:

Neil Harrison
Position: Technical Director
Place: Manchester, UK
Date: 01 Jan 2014

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