

QUINN LITE-PAC

DECLARATION OF PERFORMANCE



DOP Number: 04/013

Designation Code: EPS-EN 13163- T2-W2-L2-DS(70,90)1-CS(10)70 -100

- 1. Unique Identification code of Product type**
Quinn Lite Pac – EPS (Expanded Polystyrene) Pearl
- 2. Type, Batch or Serial Number or any other Element allowing identification of the Product**
EPS Pearl 70 & EPS Pearl 100
- 3. Intended use or uses of the product, in accordance with the applicable harmonized technical Specification**
EPS (Expanded Polystyrene) Thermal Insulation Board for the construction Industry
- 4. Name and registered address of manufacturer**
Quinn Cement Ltd t/a
Quinn Lite Pac
Rathcronan,
Granard
Longford,
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 13163
- 7. Name and address of the notified bodies determining product-type on the basis of type testing**

Exova Warrington Fire, Holmesfield Road, Warrington, WA1 2DS, 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: 0833	Notified Testing Laboratory Number BBA Test No: 0836
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9. Declared Performances

Essential Characteristic	Performance		Harmonised Technical Specification
Reaction to Fire	Euro Class E		Thickness dependent
Thermal Resistance	RD ((m ² .K)/W)		d ^N 25 mm = 0.80645 d ^N 50 mm = 1.61290 d ^N 70 mm = 2.2580 d ^N 100 mm = 3.2258 d ^N 130 mm = 4.1935 d ^N 150 mm = 4.8387 d ^N 170 mm = 5.4838 d ^N 200 mm = 6.4516
Thermal Conductivity	W/mK		0.031
Compressive Strength	kPa		CS (10\Y)70 -100
Water Permeability			Wlt (Vol%) 3.225 Wlp(Kgm-2)0.1
Length & Width	mm	1200 x 600 1800 x 1200 2400 x 1200	L2, W2: (± 2mm, ± 2mm)
Thickness	d ^N		T2 (±2mm)
Squareness	mm/m		S2 (±2mm/1000mm)
Flatness	mm		P3 (±10mm)
Release of Dangerous substances	No harmonised test method available		
Bending Strength	Kpa	≥70 & ≥ 100	
Tensile Strength Perpendicular to Faces	NPD		
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(N)2 (±0.2), DS(70,90)1 (±2%)		

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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
16th May 2016