

Declaration of Performance

Number : D05/CPR/2013



Product type Expanded Polystyrene
 Product type reference Lambdatherm® 70
 Intended use Thermal Insulation
 Harmonised Standard BS EN 13163 : 2012
 Attestation of conformity system 3

S and B EPS Ltd
 Dudley
 Cramlington
 Tyne and Wear
 NE23 7PY

Declared Performance Characteristics

Length	L(3)	
Width	W(3)	
Thickness	T(2)	
Squareness	S(5)	
Flatness	P(10)	
Compressive Strength @ 10% Deformation	CS(10)70	(70 kPa)
Dimensional stability @ 23°C / 50% RH	DS(N)2	
Dimensional stability @ 70°C / 90% RH	DS(70,90)1	
Long term water absorption by immersion –Partial	0.31 KG/M ²	
Tensile Strength –Dry Conditioned	TR200	
Tensile Strength-Wet Conditioned (28 days)	TR200	
Shear Strength	0.18 N/mm ²	
Water Vapour diffusion resistance factor	20 TO 40 µ	Tabulated Value
Water vapour permeability	0.015 to 0.030 mg(Pa.h.m)	
Bending Strength	BS115	(115kPa)
Thermal Conductivity	0.032 W/mK	
Dangerous substances	None (No test method available)	
Reaction to Fire	Euroclass E	

The performance of the product is in accordance with the specification given above

Notified Laboratories for Additional ITT Testing

British Board of Agreement	BTTG	Ceram
P O Box 195	Fire Technology Services	Queens Road
Bucknalls Lane	Wira House	Penkhull
Garston	West Park Ring Road	Stoke-on-Trent
Watford	Leeds	Staffordshire
WD25 9BA	LS16 6QL	ST4 7LQ

Authorised representative: Paul Banks

Signature: *P Banks*

Title: Technical Director

Date: 20-06-2013