

Declaration of Performance

Number : D04/CPR/2013



expanded
polystyrene

Product type Expanded Polystyrene
 Product type reference EPS 150E
 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)150 (150 kPa)
Dimensional stability @ 23°C / 50% RH	DS(N)2
Dimensional stability @ 23°C / 90% RH	DS(23,90)1
Long term water absorption by immersion –Total	WL(T)5
Long term water absorption by immersion –Partial	0.09 KG/M ²
Compressive Creep	CC(1.5/1/10)150
Freeze thaw-wet	3.8%
Freeze thaw-dry	6.33%
Water Vapour diffusion resistance factor	30 TO 70 µ Tabulated Value
Water vapour permeability	0.009 to 0.020 mg(Pa.h.m)
Bending Strength	BS200 (200kPa)
Thermal Conductivity	0.035 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

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