

# Declaration of Performance

Number : D21/CPR/2013



expanded  
polystyrene

Product type	Expanded Polystyrene
Product type reference	EPS 300E
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)300 (300 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 –Total	WL(T)5.0
Long term water absorption by immersion –Partial	NPD
Water Vapour diffusion resistance factor	40 TO 100 µ Tabulated Value
Water vapour permeability	0.006 to 0.015 mg(Pa.h.m)
Bending Strength	BS450 (450kPa)
Thermal Conductivity	0.033 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  
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Authorised representative: Paul Banks

Signature: *P Banks*

Title: Technical Director

Date: 21.10.17

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