

# Declaration of Performance

EcoTherm Eco-Cavity Full Fill

**1001.CPR.2013.ECFF.004**

Unique identification code of the product-type:	<b>Eco-Cavity Full Fill</b>
Intended use/es:	<b>Thermal insulation for buildings</b>
Manufacturer:	<b>EcoTherm Insulation (UK) Ltd, Harvey Road, Burnt Mills Ind Est, Basildon, Essex SS13 1QJ</b>
System/s of AVCP:	<b>System 3</b>
Harmonised technical specification:	<b>BS EN 13165:2012+A2:2016</b>
Notified body/ies:	<b>B.I.T.S NB.1134 University of Salford NB 1145.Warrington NB 1104</b>

Essential characteristics		Performance	
Thermal resistance	Thermal resistance $R_D$ ((m <sup>2</sup> .K)/W)	$d_N$ 90mm	4.05
		$d_N$ 115mm	5.20
		$d_N$ 140mm	6.35
	Thermal conductivity $\lambda_D$ (W/(m.K))	0.022	
	Thickness tolerance	$d_N$ 50-150mm	T2
Reaction to fire		E	
Durability of reaction to fire against heat, weathering, ageing / degradation		Reaction to fire does not change with time	
Dimensional stability under specified temperature and humidity condition		DS(70,90)3	
		DS(-20,-)1	
Deformation under specified compressive load and temperature conditions		DLT(2)5	
Compressive strength	Compressive stress or compressive strength	CS(10\Y)140	
Tensile / Flexural strength	Tensile strength perpendicular to faces	NPD	
Durability of compressive strength against ageing / degradation	Compressive creep	NPD	
	Short term water absorption	NPD	
Water permeability	Long term water absorption	NPD	
	Flatness after one sided wetting	NPD	
	Water vapour permeability	NPD	
Acoustic absorption index	Sound absorption	NPD	
Release of dangerous substances to the indoor environment		No harmonized test method available	
Continuous glowing combustion		No harmonized test method available	
NPD: No Performance Determined			

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



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**Ralph Mannion**  
 Managing Director UK and Ireland  
 First signed-01.01.2019  
 Selby, England, UK  
 Version – 4  
 Version date.....07.01.2020