

UK Declaration of Conformity

EcoTherm Eco-Liner Base

1034.UKDoC.ELB.001

Unique identification code of the product-type:	Eco-Liner Base
Intended use/es:	Thermal insulation for buildings
Manufacturer:	EcoTherm Insulation (UK) Ltd, Harvey Road, Burnt Mills Ind.Est, Basildon, Essex SS13 1QJ
System/s of AVCP:	System 3
Harmonised technical specification:	BS-EN 13165:2012+A2:2016
UK Assessment body/ies:	B.I.T.S .1334 University of Salford 1145

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d_N 30mm	1.35
		d_N 40mm	1.80
		d_N 50mm	2.25
d_N 60mm		2.70	
d_N 70mm		3.15	
d_N 80mm		3.60	
	Thermal conductivity λ_D (W/(m.K))	0.022	
	Thickness tolerance	d_N 25-200mm	T2
Reaction to fire		NPD	
Durability of reaction to fire against heat, weathering, ageing / degradation		NPD	
Dimensional stability under specified temperature and humidity condition		DS(70,90)3	
		DS(-20,-)1	
Deformation under specified compressive load and temperature conditions		NPD	
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	
Water permeability	Short term water absorption	NPD	
	Long term water absorption	NPD	
	Flatness after one sided wetting	NPD	
Water vapour permeability	Water vapour transmission	NPD	
Acoustic absorption index	Sound absorption	NPD	
Release of dangerous substances to the indoor environment	Release of Dangerous substances	NPD	
NPD: No Performance Determined			

Signed for and on behalf of the manufacturer by:

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Ralph Mannion
 Managing Director UK and Ireland



First signed-01.01.2021
Basildon, England, UK
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