

UK Declaration of Conformity

EcoTherm Eco-Torch

1034.UKDoC.ET.001

Unique identification code of the product-type:
Intended use/es:
Manufacturer:
System/s of AVCP:
Harmonised technical specification:
UK Assessment body/ies:

Eco-Torch
Thermal insulation for buildings
EcoTherm Insulation (UK) Ltd, Harvey Road, Burnt Mills Ind Est, Basildon, Essex SS13 1QJ
System 3
BS EN 13165:2012+A2:2016
B.I.T.S NB.1334 University of Salford NB 1145

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d_N 50mm	1.90
		d_N 80mm	3.20
		d_N 90mm	3.60
d_N 100mm		4.00	
d_N 120mm		5.00	
d_N 130mm		5.40	
d_N 140mm		5.80	
Thermal conductivity λ_D (W/(m.K))	Thermal conductivity λ_D (W/(m.K))	25-79mm	0.026
		80-119mm	0.025
		>120mm	0.024
Thickness tolerance	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		DLT(2)5	
Compressive strength	Compressive stress or compressive strength	CS(10\Y)150	
Tensile / Flexural strength	Tensile strength perpendicular to faces	TR80	
Durability of compressive strength against ageing / degradation	Compressive creep	NPD	
		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		NPD	
NPD: No Performance Determined			

Signed for and on behalf of the manufacturer by:



Ralph Mannion
Managing Director UK and Ireland
First signed-01.01. 2021



Basildon, England, UK
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