

Declaration of Performance

EcoTherm Eco-Torch

1034.1001.1000.CPR.2013.ET.005

Unique identification code of the product-type:	Eco-Torch
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
Notified body/ies:	B.I.T.S NB.1134 University of Salford NB 1145. NB 1104. Warrington NB 1104

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			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)150
Tensile / Flexural strength	Tensile strength perpendicular to faces		TR80
Durability of compressive strength against ageing / degradation	Compressive creep		NPD
		Short term water absorption	NPD
		Long term water absorption	NPD
Water permeability	Flatness after one sided wetting		NPD
		Water vapour transmission	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:



.....
Ralph Mannion
Managing Director UK and Ireland
First signed-01.01.2019
Pembridge, Selby, Basildon, England, UK
Version – 5
Version date.....07.01.2020