

UK Declaration of Conformity

Inno-Fix

1000.UKDoC.IF.001 1001.UKDoC.IF.001

Unique identification code of the product-type:	Inno-Fix
Intended use/es:	Thermal insulation for buildings
Manufacturer:	EcoTherm Insulation (UK) Ltd, Harvey Road, Basildon, SS13 1QJ
System/s of AVCP:	System 3
Harmonised technical specification:	BS-EN 13165:2012+A2:2016
UK Assessment body/ies:	Warrington Fire 0833 University of Salford 1145 BBA 0836 BITS 1334

Essential characteristics		Performance																											
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	<table border="0"> <tr><td>d_N 30mm</td><td>1.35</td></tr> <tr><td>d_N 40mm</td><td>1.80</td></tr> <tr><td>d_N 50mm</td><td>2.25</td></tr> <tr><td>d_N 60mm</td><td>2.70</td></tr> <tr><td>d_N 70mm</td><td>3.15</td></tr> <tr><td>d_N 80mm</td><td>3.60</td></tr> <tr><td>d_N 90mm</td><td>4.05</td></tr> <tr><td>d_N 100mm</td><td>4.50</td></tr> <tr><td>d_N 120mm</td><td>5.45</td></tr> <tr><td>d_N 130mm</td><td>5.90</td></tr> <tr><td>d_N 140mm</td><td>6.35</td></tr> <tr><td>d_N 150mm</td><td>6.80</td></tr> <tr><td>d_N 160mm</td><td>7.25</td></tr> </table>	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	d_N 90mm	4.05	d_N 100mm	4.50	d_N 120mm	5.45	d_N 130mm	5.90	d_N 140mm	6.35	d_N 150mm	6.80	d_N 160mm	7.25	
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Thermal conductivity λ_D (W/(m.K))		0.022																											
Thickness tolerance	d_N 25-200mm	T2																											
Reaction to fire	Reaction to fire	E																											
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability of the reaction to fire of the product as placed on the market	NPD																											
	Durability of thermal resistance and thermal conductivity against ageing/ degradation																												
Durability of Thermal Resistance against heat, weathering, ageing / degradation	Thermal resistance R_D ((m ² .K)/W)	Thermal resistance as table above																											
	Thermal conductivity λ_D (W/(m.K))	0.022																											
	Durability characteristics	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																											

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	Determination of the aged values of thermal resistance and thermal conductivity	λD 0,022 W/m·K
Compressive strength	Compressive stress or compressive strength	CS(10Y)150
Tensile / Flexural strength	Tensile strength perpendicular to faces	TR40
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- 1/1/2021
 Pembridge and Selby England, UK
 Version – 1
 Version date 1/1/2021