

UK Declaration of Conformity

Inno-Bond

1000.UKDoC.IB.001 1001.UKDoC.IB.001

Unique identification code of the product-type:
 Intended use/es:
 Manufacturer:
 System/s of AVCP:
 Harmonised technical specification:
 UK Assessment body/ies:
BITS 1334

Inno-Bond
Thermal insulation for buildings
EcoTherm Insulation (UK) Ltd, Harvey Road, Basildon, SS13 1QJ
System 3
BS-EN 13165:2012+A2:2016
Warrington Fire NB 0833 University of Salford NB 1145 BBA NB 0836

Essential characteristics		Performance																									
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	<table border="0"> <tr><td>d_N 30mm</td><td>1.15</td></tr> <tr><td>d_N 40mm</td><td>1.50</td></tr> <tr><td>d_N 50mm</td><td>1.90</td></tr> <tr><td>d_N 60mm</td><td>2.30</td></tr> <tr><td>d_N 70mm</td><td>2.65</td></tr> <tr><td>d_N 80mm</td><td>3.20</td></tr> <tr><td>d_N 90mm</td><td>3.60</td></tr> <tr><td>d_N 100mm</td><td>4.00</td></tr> <tr><td>d_N 120mm</td><td>5.00</td></tr> <tr><td>d_N 130mm</td><td>5.40</td></tr> <tr><td>d_N 140mm</td><td>5.83</td></tr> <tr><td>d_N 150mm</td><td>6.25</td></tr> </table>	d_N 30mm	1.15	d_N 40mm	1.50	d_N 50mm	1.90	d_N 60mm	2.30	d_N 70mm	2.65	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	5.83	d_N 150mm	6.25	
	d_N 30mm	1.15																									
	d_N 40mm	1.50																									
d_N 50mm	1.90																										
d_N 60mm	2.30																										
d_N 70mm	2.65																										
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	5.83																										
d_N 150mm	6.25																										
Thermal conductivity λ_D (W/(m.K))	<table border="0"> <tr><td>$d_N < 80$mm</td><td>0.026</td></tr> <tr><td>d_N 80-119mm</td><td>0.025</td></tr> <tr><td>$d_N \geq 120$mm</td><td>0.024</td></tr> </table>	$d_N < 80$ mm	0.026	d_N 80-119mm	0.025	$d_N \geq 120$ mm	0.024																				
$d_N < 80$ mm	0.026																										
d_N 80-119mm	0.025																										
$d_N \geq 120$ mm	0.024																										
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 Durability of thermal resistance and thermal conductivity against ageing/ degradation	NPD																									
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))	<table border="0"> <tr><td>$d_N < 80$mm</td><td>0.026</td></tr> <tr><td>d_N 80-119mm</td><td>0.025</td></tr> <tr><td>$d_N \geq 120$mm</td><td>0.024</td></tr> </table>	$d_N < 80$ mm	0.026	d_N 80-119mm	0.025	$d_N \geq 120$ mm	0.024																			
	$d_N < 80$ mm	0.026																									
d_N 80-119mm	0.025																										
$d_N \geq 120$ mm	0.024																										
Durability characteristics	NPD																										
	Dimensional stability under specified temperature and humidity condition	DS(70,90)3 DS(-20,-)1																									

UK Declaration of Conformity

Inno-Bond

1000.UKDoC.IB.001 1001.UKDoC.IB.001

	Deformation under specified compressive load and temperature conditions	DLT(2)5
	Determination of the aged values of thermal resistance and thermal conductivity	λ_D 0,024-0,026 W/m·K
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
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:



.....
Ralph Mannion
 Managing Director UK and Ireland
 First signed-1/1/2021
 Pembridge, Selby, England, UK
 Version – 1
 Version date 1/1/2021