

UK Declaration of conformity

Inno-Bond Tapered

1000.UKDoC.IBT.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 Tapered

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)	REFER TO ML
	Thermal conductivity λ_D (W/(m.K))	Flat product $d_N < 80\text{mm}$ 0.026 $d_N 80-119\text{mm}$ 0.025 $d_N \geq 120\text{mm}$ 0.024
	Thickness tolerance	$d_N 25-200\text{mm}$ 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 refer to ML
	Thermal conductivity λ_D (W/(m.K))	$d_N < 80\text{mm}$ 0.026 $d_N 80-119\text{mm}$ 0.025 $d_N \geq 120\text{mm}$ 0.024
	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
	Determination of the aged values of thermal resistance and thermal conductivity	$\lambda_D 0,024-0,026 \text{ W/m}\cdot\text{K}$

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Compressive strength	Compressive stress or compressive strength	CS(10Y)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		

ML -manufactures literature

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 England, UK
 Version – 1

Version date 1/1/2021