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| 1) Unique identification code of the product-type: | ISOLAIR MULTI |
| 2) Intended use/es: | Thermal Insulation Building
Rigid underlay for discontinuous roofing |
| 3) Manufacturer: | PAVAFRANCE - Route Jean-Charles Pellerin - FR-88190 Golbey |
| 4) Authorised representative: | --- |
| 5) System/s of AVCP: | 3 |
| 6) Harmonised standard: | EN 13171:2012+A1:2015 EN 14964:2006 |
| Notified body/ies: | 0672 |
| 7) Declared performance/s: | |

Essential characteristics (f)		Test standard	Performance 30-200 mm			Harmonised standard
Thermal resistance	Thermal conductivity and Thermal resistance	EN 12667	λ_D W/(m.K) 0,044	d_N mm 30-35 0,65-0,75	R_D m ² .K/W 0,90-1,85	EN 13171:2012+A1:2015
			0,043	40-80 0,90-1,85	2,40-4,85	
	Thickness	EN 823	T5			
Reaction to fire	Reaction to fire	EN 13501-1	E			
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics (a)	EN 13501-1	E			
Durability Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity (b)	EN 12667	λ_D W/(m.K) 0,044	d_N mm 30-35 0,65-0,75	R_D m ² .K/W 0,90-1,85	
			0,043	40-80 0,90-1,85	2,40-4,85	
	Durability characteristics (c)	---	NPD			
Compressive strength	Compressive stress or compressive strength	EN 826	CS(10\Y)200	30-35 mm		
	Point load	EN 12430	CS(10\Y)100	40-200 mm		
Tensile/Flexural strength	Tensile strength perpendicular to faces (d)	EN 1607	TR30	30-35 mm		
	Tensile strength parallel to faces (d)	EN 1608	TR10	40-200 mm		
Durability of compressive strength against ageing/degradation	Compressive creep	EN 1606	NPD			
Water permeability	Short term water absorption	EN ISO 29767	WS1,0			
Water vapour permeability	Water vapour transmission	EN 12086	MU3	30-35 mm ; 100-200 mm		
Impact noise transmission index (for floors)	Dynamic stiffness	EN 29052-1	NPD			
	Thickness	EN 12431	NPD			
	Compressibility	EN 1991-1-1	NPD			
	Air flow resistivity	EN 29053	Afr150	30-35 mm		
Acoustic absorption index	Sound absorption	EN ISO 354	NPD			
			Afr60	40-200 mm		
Direct airborne sound insulation index	Air flow resistivity	EN 29053	Afr150	30-35 mm		
Release of dangerous substances to the indoor environment	Release of dangerous substances (e)	---	NPD			
			Afr60	40-200 mm		
Continuous glowing combustion	Continuous glowing combustion (e)	---	NPD			

NPD = No performance determined

(a) No change in reaction to fire properties for WF products.

(b) Thermal conductivity of WF products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

(c) For dimensional stability thickness only.

(d) This characteristic also covers handling and installation.

(e) European test methods are under development.

(f) Also valid and applicable for multilayers.

Insulation panel for external use as a non-structural component type SB.E (EN 622-4): 30-80 mm

Essential characteristics (f)		Test standard	Performance 30-80 mm	Harmonised standard
Dimensional variation		EN 324-1 EN 324-2	Type IL	EN 14964:2006
Mechanical resistance	Bending strength	EN 622-4	≥ 0,9 MPa 30-35 mm ≥ 0,4 MPa 40-80 mm	
Reaction to fire		EN 13501-1	E	
Water impermeability		EN 12467	Pass	
Water vapour permeability		EN 12524	MU3 30-35 mm MU4 40-80 mm	
Durability	Swelling in thickness 2h	EN 622-4	< 6%	
Thermal resistance		EN 12667	λ_D W/(m.K) d_N mm R_D m ² .K/W 0,044 30-35 0,65-0,75 0,043 40-80 0,90-1,85	
Airborne sound insulation		EN ISO 143-3 EN ISO 717-1	NPD	

NPD = performance non déterminée

(f) Also applicable and valid for multilayers.

The performance of the product identified above is in conformity with the set of declared performance/s. 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: **Bruno GERTSCH, Operational Director for eco-sourced insulation**

at : **Strasbourg**

on : **27.05.2022**

