

Declaration of Performance

Selthaan® Megapplus

1036.CPR.2025.Megapplus.002

Unique identification code of the product-type: **Selthaan® Megapplus**
 Intended use/es: **Thermal insulation for buildings**
 Manufacturer: **Kingspan Insulation BV - Lorentzstraat 1 - 7102 JH, Winterswijk (NL)**
 System/s of AVCP: **System 1: reaction to fire**
System 3: all other characteristics
 Harmonised technical specification: **NEN-EN 13165:2012+A2:2016**
 Notified body/ies: **FIW München (No. 0751)**
Efectis France (No. 1812)

Efectis France (No. 1812) performed the determination of the product-type on the basis of type testing (including sampling), type calculation, tabulated values or descriptive documentation of the product; the initial inspection of the manufacturing plant and of factory production control; and the continuous surveillance, assessment and evaluation of factory production control under system 1 for reaction to fire and issued the certificate of constancy of performance No. 1812-CPR-2253.

FIW München (No. 0751) performed the determination of the product-type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product under system 3 for all other characteristics and issued the test reports.

Table 1

Essential characteristics		Performance
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	R_D : Table 2
	Thermal conductivity λ_D (W/(m.K))	d_N 60-120mm 0.023
	Thickness	d_N 60-120mm T2
Reaction to fire	Reaction to fire of the product as placed on the market	C-s2, d0
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability of reaction to fire of the product as placed on the market	NPD
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal resistance R_D ((m ² .K)/W)	R_D : Table 2
	Thermal conductivity λ_D (W/(m.K))	λ_D : Table 2
	Durability characteristics	NPD
	Dimensional stability	DS(70,90)3 DS(-20,-)1
	Deformation under specified compressive load and temperature conditions	NPD
	Determination of the aged values of thermal resistance and thermal conductivity	R_D : Table 2 λ_D : Table 2
Compressive strength	Compressive stress or compressive strength	CS(10\Y)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
Continuous glowing combustion	Continuous glowing combustion	NPD

NPD: No Performance Determined

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Table 2

Thickness d_N	Thermal conductivity λ_D (W/(m.K))	Thermal resistance R_D ((m ² .K)/W)
60 mm	0.023	2.60
80 mm	0.023	3.45
100 mm	0.023	4.30
120 mm	0.023	5.20

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:

Michel van der Helm,
Managing Director
Kingspan Insulation Continental Europe

Winterswijk, Netherlands, 09.06.2026