

ISOVER

POLTERM MAX PLUS

50-200 MM

Declaration of Performance

 Certificate No. 001-WM-DoP-14-w1
EN ISO 138

1 Unique identification code of the product-type:

001-WM-DoP-14-w1

2 Intended use / uses:

For use as thermal insulation in construction (ThIB)

3 Manufacturer:

Saint-Gobain Construction Products Polska Sp.z.o.o.
44-100 Gliwice, ul. Okreзна 16, Polska
www.isover.pl

4 Authorised representative:

N/A

5 The system of Assessment and Verification of Constancy of Performance:

System 1 + System 3

6a Harmonised standard:

EN 13162:2012

1454 Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (Institute of Mechanization of Construction and Rock Mining)

6b European Assessment Document:

N/A

7 Declared properties and use characteristics:

Polterm Max Plus 50-200 mm, MW - EN 13162 - T5
- DS(70,90) - WS - MU1 - AFR5

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012	Declared value / Performance not determined
Reaction to fire	4.2.6 Reaction to fire	Class of reaction to fire /Euro classes	A1
Release of hazardous substances	4.3.13 Release of hazardous substances	EU level not yet available	see: Safe use instruction sheet
Acoustic absorption index	4.3.11 Sound absorption	α_{wi} (AWi) declared	No performance determined
Impact noise transmission index	4.3.9 Dynamic stiffness	s' , SDi declared	No performance determined
	4.3.10.2 Thickness d_L	d_L declared and classes for thickness tolerances T6 or T7	No performance determined
	4.3.10.4 Compressibility c	CPI declared	No performance determined
	4.3.12 Air flow resistivity	AF_{ri} declared	No performance determined
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF_{ri} i declared	≥ 5 kPa s/m ²
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	see: Safe use instruction sheet
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Declared R and declared λ if possible	See table 2 0,035 W/mK
	4.2.3 Thickness	Ti class for thickness tolerance	T5
Water permeability	4.3.7.1 Short term water absorption	WS declared W_p	≤ 1 kg/m ²
	4.3.7.2 Long term water absorption	WL(P) declared W_{ip}	No performance determined
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ (MUi) or Zi	MU1
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10)i or CS(10/Y)i declared	No performance determined
	4.3.5 Point load	PL(5)i declared	No performance determined
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	4.2.6 / Reaction to fire as declared by 4.2.6	Not change with time
Durability of thermal resistance against heat, weathering, ageing /degradation	4.2.1 Thermal resistance and thermal conductivity	Declared R and λ if possible	Does not change with time
	4.2.7 Durability characteristics 4.3.2 Dimensional stability under specified temperature and humidity conditions	DS(70/90) declared The relative changes in thickness	$\leq 1\%$
Tensile strength	4.3.4 Tensile strength perpendicular to the faces	TRi declared	No performance determined
Durability of compressive strength against ageing /degradation	4.3.6 Compressive creep	CC($i_v/i_z/y$) δ_c compressive creep declared X_{ct} and X_t	No performance determined

i - indicates relevant class of level or declared value

Thermal resistance R_d														
d [mm]	50	60	70	80	90	100	120	130	140	150	160	170	180	200
R_d [m ² K/W]	1,40	1,70	2,00	2,25	2,55	2,85	3,40	3,70	4,00	4,25	4,55	4,85	5,10	5,70

8 Declared properties and use characteristics:

The performance of the product identified above is in conformity with the set of declared properties and performance characteristics. 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:



Anna Gil
Gliwice
February 2022

CONTACT DETAILS FOR FURTHER INFORMATION:

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Kapitał zakładowy: 314 627 500 PLN,
NIP: 522-01-01-585



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Date of Publication: February 2022



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