

Polterm Max Plus 50-200 mm
DECLARATION OF PERFORMANCE

 No **001-WM-DoP-14-w2**

1. Unique identification code of the product-type:

001-WM-DoP-14-w2

2. Intended use/es:

Thermal insulation for building (ThIB)

3. Manufacturer:

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

 4. Authorised representative: **no relevant**

5. System/s of AVCP:

System 1
System 3

 6a. Harmonised standard: **EN 13162:2012+A1:2015**

Notified body/ies:

1454 Sieć Badawcza Łukasiewicz – Warszawski Instytut Technologiczny

 6b. European Assessment Document: **no relevant**

7. Declared performance/s:

MW – EN 13162 – T5 – DS(70,90) – WS - MU1 – AFR5

Table 1

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012 +A1:2015	Declared value / NPD	
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Declared RD and λ_D	0,035	W/mK
	4.2.3 Thickness	Declared d and T	T5	
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	A1	
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	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 RD and λ_D	See table 2	
			0,035	W/mK
	4.2.7 Durability characteristics	Declared DS(70,90)	≤1%	

Compressive strength	4.3.3 Compressive stress or compressive strength	Declared CS	NPD
	4.3.5 Point load	Declared PL	NPD
Tensile strength	4.3.4 Tensile strength perpendicular of faces	Declared TR	NPD
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	Declared CC	NPD
Water permeability	4.3.7.1 Short term water absorption	Declared WS	≤ 1 kg/m ³
	4.3.7.2 Long term water absorption	Declared WL(P)	NPD
Water vapour permeability	4.3.8 Water vapour transmission	Declared MU or Z	MU1
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	Declared SD	NPD
	4.3.10.2 Thickness, dL	Declared dL or class	NPD
	4.3.10.4 Compressibility, c	Declared CP	NPD
	4.3.12 Air flow resistivity	Declared AFr	≥ 5 kPa s/m ²
Acoustic absorption index	4.3.11 Sound absorption	Declared AW	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	Declared AFr	≥ 5 kPa s/m ²
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	EU level not yet available	NPD
Continuous glowing combustion	4.3.15 continuous glowing combustion	EU level not yet available	NPD

NPD – No Performance Determined

Table 2

Thermal resistance RD														
d [mm]	50	60	70	80	90	100	120	130	140	150	160	170	180	200
RD [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. Appropriate Technical Documentation and / or Specific Technical Documentation:

nie dotyczy / not relevant

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:

At Gliwice
on 27.07.2023

Adam Marchacz

Plant Director Isover