

**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](http://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 $\lambda_D$                | 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 $\lambda_D$                | 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 <sup>3</sup>    |
|   | 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 <sup>2</sup> |
| 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 <sup>2</sup> |
| 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 <sup>2</sup> 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