

Declaration of performance
N° PL0002-WNM5.1-w2

1. Unique identification code of the product-type:

TECH Wired Mat MT 5.1;
TECH Wired Mat MT 5.1 X;
TECH Wired Mat MT 5.1 X-X;
TECH Wired Mat MT 5.1 Alu1;

2. Intended use/es:

Thermal insulation of building equipment and industrial installations (ThIBEII)

3. Manufacturer:

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

4. System/s of AVCP:

System 1 for Fire reaction
 System 3 for other characteristics

5. Harmonised standard:

EN 14303:2009+A1:2013

Notified body/ies:

1454 Instytut Mechanizacji Budownictwa i Górnictwa Skalnego

6. Declared performances:

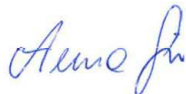
| Essential characteristics | | Performance |
|--|--|--------------------|
| Reaction to fire - Euroclass Characteristics | | A1 |
| Acoustic absorption index | | NPD |
| Thermal resistance | Thermal Conductivity [in W/(m.K)] | |
| | at 50 °C | 0,039 |
| | at 100 °C | 0,045 |
| | at 200 °C | 0,061 |
| | at 300 °C | 0,081 |
| | at 400 °C | 0,106 |
| | at 500 °C | 0,137 |
| | at 600 °C | 0,175 |
| | at 650 °C | 0,197 |
| | Dimensions / Tolerances | 30 to 120 mm T2 |
| Water permeability | Water absorption | WS1 |
| Water vapour permeability | Water vapour diffusion resistance | NPD |
| Compressive strength | Compressive stress or compressive strength for flat products | NPD |

| | | |
|--|---|----------------------------------|
| Rate of release of corrosive substances | Trace quantity of water soluble ions Cl F SiO ₃ Na Wartość pH / Value of pH | CL10 NPD NPD NPD NPD |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD (a) |
| Continuous glowing combustion | (b) | NPD |
| Durability of reaction to fire against ageing/degradation | Durability characteristics | (c) |
| Durability of thermal resistance against ageing/degradation and against high temperature | Thermal Conductivity | (d) |
| | Dimensions and tolerances | See above |
| | Dimensional stability, or Maximum Service Temperature | ST(+)/660 |
| | Durability characteristics | (d) |
| Durability of reaction to fire against high temperature | Durability characteristics | (e) |

NPD –No Performance Determined

- (a) An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA (accessed through <http://ec.europa.eu/enterprise/construction/cpd-ds/>).
 - (b) A European test method is under development and the standard will be amended when this is available.
 - (c) The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.
 - (d) Thermal conductivity of mineral wool 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.
 - (e) The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.
7. 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) N° 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Anna Gil
Technical Advisory Office Manager

Gliwice, 03/04/2017