

DECLARATION OF PERFORMANCE

No. CPR-DoP-PLO-010

- Unique identification code of the product-type:
MW-EN 13162 T5-MU1-WS-WL(P)
- Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Thermal insulation for buildings (ThIB) - Factory made mineral wool products.
- Manufacturer: **ROCKWOOL Romania SRL, Bucharest, District no 1, Bucharest-Ploiesti No. 1A Road, BUCHAREST BUSINESS PARK, A Building, 4th Floor, 013681, Romania**
- System of assessment and verification of constancy of performance of the construction (AVCP): **System 1 for the reaction to fire of the product and System 3 for the other characteristics**
- In case of the declaration of performance concerning a construction product covered by a harmonised standard (EN 13162:2012+A1:2015): **TZUS - TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, S.P. (notified body n° 1020) performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of the factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire No. 1020-CPR-010041766 on March 26, 2024. TZUS - TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, S.P. (notified testing laboratory No. 1020 according to EN 13162:2012+A1:2015) performed the test reports for the other relevant declared characteristics. Notified testing laboratory is accredited by CAI according to ISO 17025:2018 and has received accreditation certificate no. 1018.3.**
- Declared performance in the Table 1 and Table 2:

Table 1

Essential characteristics	Declared performance / NPD ¹⁾	Harmonized technical specification
Thermal resistance	Thermal resistance - lamella, d _N = 100 mm, R _D (m ² .K/W)	2.38
	Declared thermal conductivity - lamella, d _N = 100 mm, λ _D , W/(m.K)	0.042
	Declared class for thickness tolerances, T _i	T5
Reaction to fire	Euroclasses – reaction to fire (RIF) product	A1
Durability of reaction to fire against heat, weathering, ageing/ degradation ²⁾	Durability characteristics Reaction to fire (RIF) product	(a)
Durability of thermal resistance against heat, weathering, ageing/ degradation ²⁾	Thermal resistance R _D , (m ² .K/W)	(b)
	Thermal conductivity λ _D , W/(mK)	(b)
	Durability characteristics	(c)
Compressive strength	Compressive stress CS(10) ³⁾ , CS(10/Y) ³⁾ , (kPa)	NPD
	Point load PL(5) ³⁾ , (N)	NPD
Tensile / Flexural strength	Tensile strength perpendicular to faces (d), TR _i , (kPa)	NPD
Durability of compressive strength against ageing/ degradation	Compressive creep [CC(_{t1} / _{t2}) ³⁾] _c , declared X _{c1} and X _t , (mm)	NPD
Water permeability	Short term water absorption, WS (≤1 kg/m ²)	WS
	Long term water absorption, WL(P) (≤3 kg/m ²)	WL(P)
Water vapour permeability	Water vapour transmission	MU1³⁾
	Water vapour diffusion resistance factor	
Impact noise transmission Index (for floors)	Dynamic stiffness SD _i , (MN/m ³)	NPD
	Thickness, d _i	NPD
	Compressibility, c (CP), (mm)	NPD
	Air flow resistivity, AFR _i , (kPa.s/m ²)	NPD
Acoustic absorption index	Sound absorption, AW _i	NPD
Direct airborne sound insulation index	Air flow resistivity, AFR _i , (kPa.s/m ²)	NPD
Continuous glowing combustion	Continuous glowing combustion	(e)
Release of dangerous substances to the indoor environment	Release of dangerous substances to the indoor environment	(e)

¹⁾No performance determined (NPD); ²⁾No change with time; * ³⁾ indicates relevant class of level or declared value; ³⁾ Tabulated value according to the harmonised standard EN 13162:2012+A1:2015

(a) No change in reaction to fire properties for mineral wool products. 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 (b) Thermal conductivity / thermal resistance 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. (c) For dimensional stability thickness only. (d) This characteristic also covers handling and installation. (e) European test methods are under development

This declaration of performance is available on the website dop.rockwool.com

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

Radu Emil ANDREI

Factory Manager

(Name, function)

Ploiesti, June 03, 2024

(Place, date)

(Signature)