

DECLARATION OF PERFORMANCE
No. CPR-DoP-PLO-033

1. Unique identification code of the product-type:

MW-EN 13162 T5-MU1-WS-WL(P)

2. 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.

5. 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.

3. Manufacturer: **ROCKWOOL Romania SRL,**
Bucharest, District no 1, Bucharest-Ploiesti No. 1A Road,
BUCHAREST BUSINESS PARK, A Building, 4th Floor, 013681,
Romania

6. Declared performance in the Table 1 and Table 2:

4. 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**
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)	2.5	EN 13162:2012+A1:2015
	Declared thermal conductivity - lamella, $d_n = 100$ mm), λ_D , W/(m.K)	0.046	
Reaction to fire	Declared class for thickness tolerances, T_1 [*] Euroclasses – reaction to fire (RIF) product	T5 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 $CS(10)^*$, $CS(10/Y)^*$, (kPa)	NPD	
	Point load $PL(5)^*$, (N)	NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces (d), TR_1 , (kPa)	NPD	
Durability of compressive strength against ageing/ degradation	Compressive creep $[CC(i_1, i_2)]_{e_c}$, declared X_{ct} and X_p , (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 Water vapour diffusion resistance factor	MU1³⁾	
Impact noise transmission index (for floors)	Dynamic stiffness SD_1 , (MN/m ³)	NPD	
	Thickness, d_t	NPD	
	Compressibility, c (CP), (mm)	NPD	
	Air flow resistivity, AFR_1 , (kPa.s/m ²)	NPD	
Acoustic absorption index	Sound absorption, AW_i	NPD	
Direct airborne sound insulation index	Air flow resistivity, AFR_1 , (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; ^{*} "*" 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)