

DECLARATION OF PERFORMANCE
No. CPR-DoP-PLO-018

1. Unique identification code of the product-type:

MW-EN 14303-T3-pH9,5-CL8-F12-SI306-NA31-ST(+)-400-MV1

2. Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Thermal Insulation for Building Equipment and Industrial Installation. (ThIBELI). Factory made mineral wool products.

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

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**

5. In case of the declaration of performance concerning a construction product covered by a harmonised standard (EN 14303:2009+A1:2013):
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-010043202 on March 26, 2024.
TZUS - TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, S.P. (notified testing laboratory No. 1020 according to EN 14303:2009+A1:2013) 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.

6. Declared performance in the Table 1:

Table 1

Essential characteristics				Declared performance / NPD ¹⁾				Harmonized technical specification
Thermal resistance	Thermal conductivity	Temperature (°C)		0	10	25.1	40	EN 14303:2009+A1:2013
		Thermal conductivity λ_D , W/(m.K)		0.039	0.039	0.039	0.039	
	Thickness	Thickness, (mm)		160-240				
		Thickness tolerances, T_i^*		T3				
Reaction to fire		Euroclasses – reaction to fire (RTF) product		A1				
Durability of thermal resistance against ageing/degradation		Maximum service temperature 400°C		ST(+)400				
Durability of thermal resistance against high temperature		Maximum service temperature 400°C		ST(+)400				
Durability of reaction to fire against ageing / degradation		Durability characteristics - reaction to fire (RTF)		a)				
Durability of reaction to fire against high temperature		Durability characteristics - reaction to fire (RTF)		b)				
Compressive strength		Compressive strength at 10% deformation $CS(10)_i^*$, (kPa)		NPD				
Water permeability		Water absorption, W_p (≤ 1 kg/m2)		NPD				
Water vapour permeability		Water vapour diffusion equivalent air layer thickness, MV_i^*		$MV_1^{2)}$				
Rate of release of corrosive substances		Trace quantities of water - soluble ions (ppm)	Chloride	8				
			Fluoride	12				
			Silicate	306				
			Sodium	31				
		pHi - value		9.5				
Acoustic absorption index		Sound absorption AW_i^*		NPD				
Release of dangerous substances		Release of dangerous substances		NPD				
Continuous glowing combustion		Continuous glowing combustion		NPD				

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

(a) 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) 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

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)