

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. (ThIBEI)

3. Manufacturer: **ROCKWOOL Romania SRL,**
Bucharest-Ploiesti No 1A Road, C Building, 1st Floor,
013681, District no 1, Bucharest, Romania

5. In case of the declaration of performance concerning a construction product covered by a harmonised standard (EN 14303:2009+A1:2013):

TZUS (Notified Certification Body n° 1020) performed the determination of the product-type on the basis of type testing, the initial inspection of the manufacturing plant, assessment and evaluation of tests results according to system 1 and issued a Certificate of Constancy of Performance No. 1020-CPR-010043202.

6. Declared performance in the Table 1:

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 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^*		MV1 ²⁾					
Rate of release of corrosive substances	Trace quantities of water - soluble ions (ppm)	Chloride	8					
		Fluoride	12					
		Silicate	306					
		Sodium	31					
	pH _i - 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:

Dan-Viorel Savin

Process, Quality and Environment Manager

(Name, function)

Ploiesti, 30 September 2020

(Place, date)



(Signature)