ROCKWOOL

SPANROCK M

DECLARATION OF PERFORMANCE

No. CPR-DoP-PLO-010

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)

3 Manufacturer: **ROCKWOOL Romania SRL, Bucharest-Ploiesti No 1A Road, C Building, 1st Floor, 013681, District no 1, Bucharest, 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 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.**
TZUS - TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, S.P. (notified testing laboratory No. 1018.3) performed the test reports for the other relevant declared characterictics.

6 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, dN = 100 mm, R_D (m^2.K/W)	2.38	EN 13162:2012+A1:2015
	Declared thermal conductivity - lamella, d_N = 100 mm, λ_D, W/(m.K)	0.042	
	Declared class for thickness tolerances, Ti*	T5	
Reaction to fire	Euroclasses – reaction to fire (RtF) product	A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation[2]	Durability characteristics Reaction to fire (RtF) 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)	
		NPD	
Compressive strength	Compressive stress CS(10)i*, CS(10/Y)i*, (kPa)	NPD	
	Point load PL(5)i*, (N)	NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces (d), TRi*, (kPa)	NPD	
Durability of compressive strength against ageing/ degradation	Compressive creep [CC(i_1*/i_2*)σ_c], declared X_{ct} 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 Water vapour diffusion resistance factor	MU1[3]	
Impact noise transmission index (for floors)	Dynamic stiffness SDi*, (MN/m^3)	NPD	
	Thickness, d_L	NPD	
	Compressibility, c (CP), (mm)	NPD	
	Air flow resistivity, AFri*, (kPa.s/m^2)	NPD	
Acoustic absorption index	Sound absorption, AWi*	NPD	
Direct airborne sound insulation index	Air flow resistivity, AFri*, (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; * "i" 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:

Dan-Viorel Savin

Process, Quality and Environment Manager

(Name, function)

Ploiesti, November 04, 2020

(Place, date)

(Signature)