

DECLARATION OF PERFORMANCE

No RW-CEE-DoP-2081/B/18/w1

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| <p>1. Unique identification code of the product-type:
RW-CEE-2081</p> <p>2. Intended use: Thermal insulation products for buildings (ThIB).</p> <p>3. Manufacturer: ROCKWOOL® a.s. Cihelní 769, Skřečoh, 735 31 Bohumín</p> | <p>4. System/s of AVCP: System 1 and System 3
Harmonised standard: EN 13162:2012+A1:2015</p> <p>5. Notified body No 1390 Centrum stavebního inženýrství a.s. Praha</p> <p>6. Declared Performance in the Table 1 and Table 2:
MW-EN 13162-T5-DS(70,-)-DS(70,90)-CS(10)40-TR10-PL(5)400-WS-WL(P)-MU1</p> |
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Table 1

Essential Characteristics	Performance	Declared value / NPD ¹⁾	Harmonized technical specification
Thermal resistance	Thermal resistance R ₀ Thickness d _N	see Table 2	EN 13162:2012+A1:2015
	Thermal conductivity λ _D	0,038 W/mK	
	Ti ^{a)} Thickness	T5	
Reaction to fire	Euroclasses – Reaction to fire (Rf) product	A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation ²⁾	Durability characteristics Reaction to fire (Rf) product	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation ²⁾	Thermal resistance R ₀ and thermal conductivity λ _D (W/mK)	see Table 2 0,038 W/mK	
	Durability characteristics	DS(70,-) DS(70,90)	
Compressive strength	Compressive stress CS(10) ^{iα} , CS(10/Y) ^{iα} (kPa)	CS(10)40	
	Point load PL(5) ^{iα} (N)	PL(5)400	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR ^{iα} (kPa)	TR10	
Durability of compressive strength against ageing/ degradation	Compressive creep	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	
	Dynamic stiffness SD ^{iα} Thickness, d _i Compressibility c Air flow resistivity AFR ^{iα}	NPD NPD NPD NPD	
Acoustic absorption index	Sound absorption AWR ^{iα}	NPD	
Direct airborne sound insulation index	Air flow resistivity AFR ^{iα}	NPD	
Continuous glowing combustion	Continuous glowing combustion	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances to the indoor environment	NPD	

¹⁾ No performance determined (NPD); ²⁾ no change with time; ^{a)} "i" indicates relevant class of level or declared value.

Table 2

d_N (mm)	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	-
R_0 (m ² K/W)	1,30	1,55	1,80	2,10	2,35	2,60	2,85	3,15	3,40	3,65	3,90	4,20	4,45	4,70	5,00	5,25	-

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:

Pawel Pomykala
Factory Manager
(Name, function)

Bohumín 2018-09-01
(Place, date)



(Signature)

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