

DECLARATION OF PERFORMANCE

No RW-CEE-DoP-2090/B/20/w1

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| 1. Unique identification code of the product-type:
RW-CEE-2090 | 4. System/s of AVCP: System 1 and System 3 |
| 2. Intended use/es: Thermal insulation products for buildings (ThIB). | 5. Harmonised standard: EN 13162:2012+A1:2015
Notified body No 1390 |
| 3. Manufacturer: ROCKWOOL a.s. Cihelní 769, Skřečoch,
735 31 Bohumín | 6. Declared Performance/s: Table 1 and Table 2 |

Table 1

Essential Characteristics	Performance	Declared value / NPD ¹⁾	Harmonized technical specification
Thermal resistance	Thermal resistance R _D and d _N thermal conductivity λ _D	see Table 2 0,038 W/mK	EN 13162:2012+A1:2015
	Ti ^{a)} Thickness	T4	
Reaction to fire	Euroclasses – Reaction to fire (RtF) product	A2-s1;d0	
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics Reaction to fire (RtF) product ²⁾	A2-s1;d0	
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance R _D and thermal conductivity λ _D (W/mK) ²⁾	see Table 2 0,038 W/mK	
	Durability characteristics	DS(70,90)	
Compressive strength	Compressive stress CS(10) ^{a)} , CS(10/Y) ^{a)} (kPa)	CS(10)40 ^{*)} ^{*)} for top layer CS(10)70	
	Point load PL(5) ^{a)} (N)	PL(5)650	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR ^{a)} (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	MU1	
	Water vapour diffusion resistance factor		
Impact noise transmission index (for floors)	Dynamic stiffness SD ^{a)}	NPD	
	Thickness, d _L	NPD	
	Compressibility c	NPD	
	Air flow resistivity AFR ^{a)}	NPD	
Acoustic absorption index	Sound absorption AW ^{a)}	NPD	
Direct airborne sound insulation index	Air flow resistivity AFR ^{a)}	NPD	
Continuous glowing combustion	Continuous glowing combustion	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	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_D (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:

Paweł Pomykała
Bohumín, 2020-06-18



 ROCKWOOL a.s., Bohumín
 Paweł Pomykała, factory manager