

DECLARATION OF PERFORMANCE

No RW-CEE-DoP-0180/CM/19/w1

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| <p>1. Unique identification code of the product-type:
RW-CEE-0180</p> <p>2. Intended use: Thermal insulation products for buildings (ThIB).</p> <p>3. Manufacturer: ROCKWOOL® Polska Sp. z o.o., ul. Kwiatowa 14, 66-131 Cigacice.</p> | <p>4. System/s of AVCP: System 1 and System 3</p> <p>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(10Y)40-TR80-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_D and d_w thermal conductivity λ_D	see Table 2 0,041 W/mK	EN 13162:2012+A1:2015
	Ti ^{a)} Thickness	T5	
Reaction to fire	Euroclasses – Reaction to fire (RfF) product	A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics Reaction to fire (RfF) product ²⁾	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance R_D and thermal conductivity λ_D (W/mK) ²⁾	see Table 2 0,041 W/mK	
	Durability characteristics	DS(70,-) DS(70,90)	
Compressive strength	Compressive stress CS(10) ⁱ ^{a)} , CS(10/Y) ⁱ ^{a)} (kPa)	CS(10Y)40	
	Point load PL(5) ⁱ ^{a)} (N)	NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR ⁱ ^{a)} (kPa)	TR80	
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 ⁱ ^{a)}	NPD	
	Thickness, d_t	NPD	
	Compressibility c	NPD	
	Air flow resistivity AF ⁱ ^{a)}	NPD	
Acoustic absorption index	Sound absorption AW ⁱ ^{a)}	NPD	
Direct airborne sound insulation index	Air flow resistivity AF ⁱ ^{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)} "*" indicates relevant class of level or declared value;

Table 2

d_w (mm)	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240
R_D (m ² K/W)	0,95	1,20	1,45	1,70	1,95	2,15	2,40	2,65	2,90	3,15	3,40	3,65	3,90	4,10	4,35	4,60	4,85	5,10	5,35	5,60	5,85
d_w (mm)	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	-	-	-	-	-
R_D (m ² K/W)	6,05	6,30	6,55	6,80	7,05	7,30	7,55	7,80	8,00	8,25	8,50	8,75	9,00	9,25	9,50	9,75	-	-	-	-	-

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:

Halina Ozon

Cigacice, 2019-08-12

