

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0175/M/19/w1

- |   |   |
|---|---|
| <p>1. Unique identification code of the product-type:<br/><b>RW-CEE-0175</b></p> <p>2. Intended use: <b>Thermal insulation products for buildings (ThIB).</b></p> <p>3. Manufacturer: <b>ROCKWOOL® Polska Sp. z o.o.,<br/>ul. Kwiatowa 14, 66-131 Cigacice.</b></p> | <p>4. System/s of AVCP: <b>System 1 and System 3</b></p> <p>Harmonised standard: <b>EN 13162:2012+A1:2015</b></p> <p>5. Notified body No <b>1390 Centrum stavebního inženýrství a.s. Praha.</b></p> <p>6. Declared Performance in the Table 1 and Table 2:<br/><b>MW-EN 13162-T5-DS(70,90)-CS(10)20-TR10-WS-WL(P)-MU1</b></p> |
|---|---|

**Table 1**

Essential Characteristics	Performance	Declared value / NPD <sup>1)</sup>	Harmonized technical specification
Thermal resistance	Thermal resistance $R_0$ and $d_n$ thermal conductivity $\lambda_D$	see Table 2 0,036 W/mK	EN 13162:2012+A1:2015
	Ti <sup>a)</sup> Thickness	T5	
Reaction to fire	Euroclasses – Reaction to fire (RtF) product	A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics Reaction to fire (RtF) product <sup>2)</sup>	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance $R_0$ and thermal conductivity $\lambda_D$ (W/mK) <sup>2)</sup>	see Table 2 0,036 W/mK	
	Durability characteristics	DS(70,90)	
Compressive strength	Compressive stress CS(10) <sup>i)</sup> , CS(10/Y) <sup>i)</sup> (kPa)	CS(10)20	
	Point load PL(5) <sup>i)</sup> (N)	NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR <sup>i)</sup> (kPa)	TR10	
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD	
Water permeability	Short term water absorption WS ( $\leq 1$ kg/m <sup>2</sup> )	WS	
	Long term water absorption WL(P) ( $\leq 3$ kg/m <sup>2</sup> )	WL(P)	
Water vapour permeability	Water vapour transmission	MU1	
	Water vapour diffusion resistance factor		
Impact noise transmission index (for floors)	Dynamic stiffness SD <sup>i)</sup>	NPD	
	Thickness, $d_t$	NPD	
	Compressibility $c$	NPD	
	Air flow resistivity AF <sup>ri)</sup>	NPD	
Acoustic absorption index	Sound absorption AW <sup>i)</sup>	NPD	
Direct airborne sound insulation index	Air flow resistivity AF <sup>ri)</sup>	NPD	
Continuous glowing combustion	Continuous glowing combustion	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD	

<sup>1)</sup> No performance determined (NPD), <sup>2)</sup> no change with time; <sup>a)</sup> "i" indicates relevant class of level or declared value.

**Table 2**

d <sub>n</sub> (mm)	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280
R <sub>0</sub> (m <sup>2</sup> K/W)	2.20	2.50	2.75	3.05	3.30	3.60	3.85	4.15	4.40	4.70	5.00	5.25	5.55	5.80	6.10	6.35	6.65	6.90	7.20	7.50	7.75

This declaration of performance is available on the website [dop.rockwool.com](http://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**

