

**DECLARATION OF PERFORMANCE**  
**No RW-CEE-DoP-0178/CM/20/w1**

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| <p>1. Unique identification code of the product-type:<br/><b>RW-CEE-0178</b></p> <p>2. Intended use/es: <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</b></p> <p>6. Declared Performance/s: in the Table 1 and Table 2.</p> |
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Table 1

Essential Characteristics	Performance	Declared value / NPD <sup>1)</sup>	Harmonized technical specification
Thermal resistance	Thermal resistance $R_D$ and $d_M$ thermal conductivity $\lambda_D$	see Table 2 0,036 W/mK	EN 13162:2012+A1:2015
	Ti <sup>2)</sup> Thickness	T5	
Reaction to fire	Euroclasses – Reaction to fire (RIF) product	A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics Reaction to fire (RIF) product <sup>2)</sup>	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance $R_D$ and thermal conductivity $\lambda_D$ (W/mK) <sup>2)</sup>	see Table 2 0,036 W/mK	
	Durability characteristics	DS(70,-) DS(70,90)	
Compressive strength	Compressive stress CS(10) <sup>3)</sup> , CS(10/Y) <sup>3)</sup> (kPa)	CS(10)20	
	Point load PL(5) <sup>3)</sup> (N)	PL(5)250	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR <sup>3)</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>3)</sup>	NPD	
	Thickness, $d_L$	NPD	
	Compressibility c	NPD	
	Air flow resistivity AFR <sup>3)</sup>	NPD	
Acoustic absorption index	Sound absorption AW <sup>3)</sup>	NPD	
Direct airborne sound insulation index	Air flow resistivity AFR <sup>3)</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>3)</sup> \* indicates relevant class of level or declared value;

Table 2

$d_x$ (mm)	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	-
$R_D$ (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, 2020-07-26

*Halina Ozon*