

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0146/CM/20/w1

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|---|---|
| <b>1.</b> Unique identification code of the product-type:<br><b>RW-CEE-0146</b>                   | <b>4.</b> System/s of AVCP: <b>System 1 and System 3</b><br><br>Harmonised standard: <b>EN 13162:2012+A1:2015</b> |
| <b>2.</b> Intended use/es: <b>Thermal insulation products for buildings (ThIB).</b>               | <b>5.</b> Notified body No <b>1390</b>  |
| <b>3.</b> Manufacturer: <b>ROCKWOOL® Polska Sp. z o.o.,<br/>ul. Kwiatowa 14, 66-131 Cigacice.</b> | <b>6.</b> Declared Performance/s: in the Table 1 and Table 2:   |

Table 1

Essential Characteristics	Performance	Declared value / NPD <sup>1)</sup>	Harmonized technical specification
Thermal resistance	Thermal resistance $R_D$ and $d_L$ thermal conductivity $\lambda_D$	see Table 2 0,040 W/mK	EN 13162:2012+A1:2015
	$T_i$ <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 $R_D$ and thermal conductivity $\lambda_D$ (W/mK) <sup>2)</sup>	see Table 2 0,040 W/mK	
	Durability characteristics	DS(70,-) DS(70,90)	
Compressive strength	Compressive stress CS(10) <sup>a)</sup> , CS(10/Y) <sup>a)</sup> (kPa)	CS(10)70	
	Point load PL(5) <sup>a)</sup> (N)	PL(5)650	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR <sup>a)</sup> (kPa)	TR15	
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 Water vapour diffusion resistance factor	MU1	
Impact noise transmission index (for floors)	Dynamic stiffness $SD_i$ <sup>a)</sup> Thickness, $d_L$ Compressibility $c$ Air flow resistivity $AFR_i$ <sup>a)</sup>	NPD NPD NPD NPD	
Acoustic absorption index	Sound absorption $AW_i$ <sup>a)</sup>	NPD	
Direct airborne sound insulation index	Air flow resistivity $AFR_i$ <sup>a)</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

$d_L$ (mm)	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	-	-	-	-	-
$R_D$ (m <sup>2</sup> K/W)	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75	4,00	4,25	4,50	4,75	5,00	-	-	-	-	-

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*