

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0166/ELA/18/w1

- |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                       |
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| <p><b>1.</b> Unique identification code of the product-type:<br/><b>RW-CEE-0166</b></p> <p><b>2.</b> Intended use: Thermal Insulation products for buildings (ThIB).</p> <p><b>3.</b> Manufacturer: ROCKWOOL® Polska Sp. z o.o.,<br/>ul. Kwiatowa 14, 66-131 Cigacice<br/>Factory Elabuga (Alabuga)</p> | <p><b>4.</b> System/s of AVCP: <b>System 1 and System 3</b></p> <p>Harmonised standard: EN 13162:2012+A1:2015</p> <p><b>5.</b> Notified body No Nr 0809 VTT EXPERT SERVICES LTD, P.O.Box 1001, FI-02044 VTT, Finland</p> <p><b>6.</b> Declared Performance in the Table 1 and Table 2:<br/>MW-EN 13162-T4-DS(70,90)-CS(10)40-PL(5)650-TR10-WS-MU1</p> |
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Table 1

Essential Characteristics	Performance	Declared value / NPD <sup>1)</sup>	Harmonized technical specification
Thermal resistance	Thermal resistance R <sub>0</sub> and d <sub>th</sub> thermal conductivity λ <sub>0</sub>	see Table 2 0,038 W/mK	EN 13162:2012+A1:2015
	Ti <sup>2)</sup> Thickness	T4	
Reaction to fire	Euroclasses – Reaction to fire (RtF) product	A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation <sup>2)</sup>	Durability characteristics Reaction to fire (RtF) product	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation <sup>2)</sup>	Thermal resistance R <sub>0</sub> and thermal conductivity λ <sub>0</sub> (W/mK)	see Table 2 0,038 W/mK	
	Durability characteristics	DS(70,90)	
Compressive strength	Compressive stress CS(10) <sup>3)</sup> , CS(10/Y) <sup>3)</sup> (kPa)	CS(10)40	
	Point load PL(5) <sup>3)</sup> (N)	PL(5)650	
Tensile / Flexural strength	Tensile strength perpendicular to faces TRi <sup>3)</sup> (kPa)	TR10	
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD	
Water permeability	Short term water absorption WS (≤1 kg/m²)	WS	
	Long term water absorption WL(P) (≤ 3 kg/m²)	NPD	
Water vapour permeability	Water vapour transmission	MU1	
	Water vapour diffusion resistance factor		
Impact noise transmission index (for floors)	Dynamic stiffness SDi <sup>3)</sup>	NPD	
	Thickness, d <sub>t</sub>	NPD	
	Compressibility c	NPD	
	Air flow resistivity AFri <sup>3)</sup>	NPD	
Acoustic absorption index	Sound absorption AWi <sup>3)</sup>	NPD	
Direct airborne sound insulation index	Air flow resistivity AFri <sup>3)</sup>	NPD	
Continuous glowing combustion	Continuous glowing combustion	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances to the indoor environment	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

$d_w$ (mm)	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	-	-
$R_0$ (m <sup>2</sup> K/W)	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](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  
Central Service Department Manager  
(Name, function)

Cigacice 2018-04-25  
(Place, date)

  
(Signature)

ROCKWOOL Polska Sp. z o.o.  
ul. Kwiatowa 14, 66-131 Cigacice, Polska  
T (48) 68 385 02 50 E [rockwool@rockwool.pl](mailto:rockwool@rockwool.pl)