

## DECLARATION OF PERFORMANCE

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

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| <p><b>1.</b> Unique identification code of the product-type:<br/><b>RW-CEE-0180</b></p> <p><b>2.</b> Intended use: Thermal insulation products for buildings (ThIB).</p> <p><b>3.</b> Manufacturer: <b>ROCKWOOL® Polska Sp. z o.o.,</b><br/><b>ul. Kwiatowa 14, 66-131 Cigacice.</b></p> | <p><b>4.</b> System/s of AVCP: <b>System 1 and System 3</b></p> <p>Harmonised standard: <b>EN 13162:2012+A1:2015</b></p> <p><b>5.</b> Notified body No <b>1390 Centrum stavebního inženýrství a.s. Praha.</b></p> <p><b>6.</b> Declared Performance in the Table 1 and Table 2:<br/><b>MW-EN 13162-T5-DS(70,-)-DS(70,90)-CS(10Y)40-TR80-WS-WL(P)-MU1</b></p> |
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**Table 1**

Essential Characteristics	Performance	Declared value / NPD <sup>1)</sup>	Harmonized technical specification
Thermal resistance	Thermal resistance $R_0$ and $d_k$ thermal conductivity $\lambda_0$	see Table 2 0,041 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 $R_0$ and thermal conductivity $\lambda_0$ (W/mK) <sup>2)</sup>	see Table 2 0,041 W/mK	
	Durability characteristics	DS(70,-) DS(70,90)	
Compressive strength	Compressive stress CS(10Y) <sup>a)</sup> , CS(10Y) <sup>a)</sup> (kPa)	CS(10Y)40	
	Point load PL(5) <sup>a)</sup> (N)	NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR <sup>a)</sup> (kPa)	TR80	
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 <sup>a)</sup> Thickness, $d_t$ Compressibility $c$ Air flow resistivity AFR <sup>a)</sup>	NPD NPD NPD NPD	
Acoustic absorption index	Sound absorption AW <sup>a)</sup>	NPD	
Direct airborne sound insulation index	Air flow resistivity AFR <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> "T" indicates relevant class of level or declared value;

**Table 2**

$d_k$ (mm)	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240
$R_0$ (m <sup>2</sup> 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
$d_k$ (mm)	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	-	-	-	-	-
$R_0$ (m <sup>2</sup> 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](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

