

## DECLARATION OF PERFORMANCE

### RW-PL/G-DoP-/T/1058/20/w1

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|---|---|
| <p>1. Unique identification code of the product-type:<br/><b>RW-PL-G-1058-I</b></p> <p>2. Intended use: Thermal insulation products for buildings (ThIB).</p> <p>3. Manufacturer: ROCKWOOL® Hungary Kft., H-8300 Tapolca, Keszthelyi út 53.</p> | <p>4. System/s of AVCP: System 1 and System 3</p> <p>5. Harmonised standard: EN 13162:2012+A1:2015<br/>Notified body No: <b>Építészeti Minőségellenőrző Innovációs Nonprofit Kft. (1415).</b></p> <p>6. Declared Performance in the Table 1 and Table 2:<br/>MW-EN 13162-T6-CP4-DS(70,-)-CS(10)20-SD*-WS-WL(P)-MU1 *30 mm-25 MN/m3+40 mm-22 MN/m3</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 thermal conductivity $\lambda_D$	see Table 2 <b>0,037 W/mK</b>	EN 13162:2012+A1:2015
	Thickness $T_i$ <sup>a)</sup>	<b>T6</b>	
Reaction to fire	Euroclasses – reaction to fire (RtF) product	<b>A1</b>	
Durability of reaction to fire against heat, weathering, ageing/ degradation <sup>2)</sup>	Durability characteristics Reaction to fire (RtF) product	<b>A1</b>	
Durability of thermal resistance against heat, weathering, ageing/ degradation <sup>2)</sup>	Thermal resistance $R_D$ and thermal conductivity $\lambda_D$ (W/mK)	see Table 2 <b>0,037 W/mK</b>	
	Durability characteristics	<b>NPD</b>	
Compressive strength	Compressive stress $CS(10)^{a)}$ , $CS(10/Y)^{a)}$ (kPa)	<b>CS(10)20</b>	
	Point load $PL(5)^{a)}$ (N)	<b>NPD</b>	
Tensile / Flexural strength	Tensile strength perpendicular to faces $TR_i^{a)}$ (kPa)	<b>NPD</b>	
Durability of compressive strength against ageing/ degradation	Compressive creep	<b>NPD</b>	
Water permeability	Short term water absorption $WS$ ( $\leq 1$ kg/m <sup>2</sup> )	<b>WS</b>	
	Long term water absorption $WL(P)$ ( $\leq 3$ kg/m <sup>2</sup> )	<b>WL(P)</b>	
Water vapour permeability	Water vapour transmission Water vapour diffusion resistance factor	<b>MU1</b>	
Impact noise transmission index (for floors)	Dynamic stiffness $SD_i^{a)}$	d (mm) <b>&lt;30</b> 30 40 >40 $SD(MN/m^3)$ <b>NPD</b> 25 22 <b>NPD</b>	
	Thickness, $d_i$	<b>NPD</b>	
	Compressibility $c$	<b>CP4</b>	
	Air flow resistivity $AFR_i^{a)}$	<b>NPD</b>	
Acoustic absorption index	Sound absorption $AW_i^{a)}$	<b>NPD</b>	
Direct airborne sound insulation index	Air flow resistivity $AFR_i^{a)}$	<b>NPD</b>	
Continuous glowing combustion	Continuous glowing combustion	<b>NPD</b>	
Release of dangerous substances to the indoor environment	Release of dangerous substances to the indoor environment	<b>NPD</b>	

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

Table 2

Thermal resistance, $R_D$																			
d(mm)	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
$R_D(m^2/KW)$	0,50	0,60	1,05	1,35	1,60	1,85	2,15	2,40	2,70	-	-	-	-	-	-	-	-	-	-

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:

Kiss Nándorné


Quality assurance and Environmental Manager

(Name, function)

Tapolca, 10.02.2020

(Place, date)

ROCKWOOL® Hungary Kft.  
H-8300 Tapolca,  
Keszthelyi út. 53.  
Magyarország



(Signature)