

DECLARATION OF PERFORMANCE
RW-PL/G-DoP-/T/1049/24/w1

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| <p>1. Unique identification code of the product-type:
RW-PL-G-1049-I</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
Notified body No: Építésügyi Minőségellenőrző Innovációs Nonprofit Kft. (1415).</p> <p>6. Declared Performance in the Table 1 and Table 2:
MW-EN 13162-T5-DS(70,-)-DS(70,90)-CS(10)40-TR10-PL(5)400-WS-WL(P)-MU1</p> |
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Table 1

Essential Characteristics	Performance	Declared value / NPD ¹⁾	Harmonized technical specification
Thermal resistance	Thermal resistance R_D and thermal conductivity λ_D	see Table 2 0.038 W/mK	EN 13162:2012+A1:2015
	T_i ^{a)} Thickness	T5	
Reaction to fire	Euroclasses – reaction to fire (RtF) product	A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation ²⁾	Durability characteristics Reaction to fire (RtF) product	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation ²⁾	Thermal resistance R_D and thermal conductivity λ_D (W/mK)	see Table 2 0.038 W/mK	
	Durability characteristics	DS(70,-) DS(70,90)	
Compressive strength	Compressive stress $CS(10)_i$ ^{a)} , $CS(10/Y)_i$ ^{a)} (kPa)	CS(10)40	
	Point load $PL(5)_i$ ^{a)} (N)	400	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR_i ^{a)} (kPa)	TR10	
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD	
	Water permeability	Short term water absorption WS ($\leq 1 \text{ kg/m}^2$) Long term water absorption $WL(P)$ ($\leq 3 \text{ kg/m}^2$)	
Water vapour permeability	Water vapour transmission Water vapour diffusion resistance factor	MU1	
	Impact noise transmission index (for floors)	Dynamic stiffness SD_i ^{a)}	
Thickness, d_i		NPD	
Compressibility c		NPD	
Air flow resistivity AFr_i ^{a)}		NPD	
Acoustic absorption index	Sound absorption AW_i ^{a)}	NPD	
Direct airborne sound insulation index	Air flow resistivity AFr_i ^{a)}	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	

¹⁾ No performance determined (NPD); ²⁾ 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 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

NOTE: R value for thickness not seen in Table 2, is available on product label

This declaration of performance is available on the website 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:

Katalin Pál

Quality assurance and Environmental Manager

(Name, function)

Tapolca, 09.02.2024.

(Place, date)

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

(Signature)