

Declaration of Performance
Nº RW-CEE-DoP-0180/CM/23/w1

1. Unique identification code of the product-type:	RW-CEE-0180
2. Intended use/s:	Thermal insulation for buildings
3. Authorised representative:	ROCKWOOL Polska, Kwiatowa 14, 66-131, Cigacice, Poland
4. System/s of AVCP:	system 1 and system 3
5. Harmonised standard:	EN 13162:2012 +A1 2015 Issued on 28 February 2013
6. Notified body/ies:	1023
7. Declared performance/s:	Please refer to the table below (NPD – No Performance Determined)

Table 1

Essential Characteristics	Requirement clauses in this European Standard	Declared value	Harmonized technical specification
Thermal Resistance	4.2.1 Thermal resistance R_d and d_N thermal conductivity λ_D 4.2.3 Thickness, T_i	See table 2 0.041 T5	EN 13162:2012 +A1 2015 Issued on 28 February 2013
Reaction to fire	4.2.6 Reaction to fire - Euroclasses	A1	
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics Reaction to fire(RTF) product ^{a)}	A1	
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance R_D and thermal conductivity λ_D ^{b)} 4.2.7 Durability characteristics	See table 2 0.041 DS(70,-);DS (70,90)	
Compressive strength	4.3.3 Compressive stress or compressive strength 4.3.5 Point load	CS(10/Y)40 NPD	
Tensile/Flexural strength	4.3.4 Tensile strength perpendicular to faces ^{d)}	TR80	
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	NPD	
Water permeability	4.3.7.1 Short term water absorption WS 4.3.7.2 Long term water absorption WL(P)	WS WL(P)	
Water vapour permeability	4.3.8 Water vapour transmission and Water vapour diffusion resistance factor	MU1	
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness, SD_i 4.3.10.2 Thickness, d_L 4.3.10.4 Compressibility, c 4.3.12 Air flow resistivity, AF_{fi}	See table 2 NPD NPD NPD	
Acoustic absorption index	4.3.11 Sound absorption, AW_i	See table 2	
Direct airborne sound insulation index	4.3.12 Air flow resistivity, AF_{fi}	NPD	
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances ^{e)}	NPD	
Continuous glowing combustion	4.3.15 Continuous glowing combustion ^{e)}	NPD	

^{a)} No change in reaction to fire properties for MW products.

The fire performance of MW does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

^{b)} Thermal conductivity of MW products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

^{c)} For dimensional stability thickness only.

^{d)} This characteristic also covers handling and installation.

^{e)} European test methods are under development.

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Table 2

Thickness	Thermal resistance	Dynamic Stiffness	Sound Absorption
40	0.95	NPD	NPD
50	1.20	NPD	NPD
60	1.45	NPD	NPD
70	1.70	NPD	NPD
80	1.95	NPD	NPD
90	2.15	NPD	NPD
100	2.40	NPD	NPD
110	2.65	NPD	NPD
120	2.90	NPD	NPD
130	3.15	NPD	NPD
140	3.40	NPD	NPD
150	3.65	NPD	NPD
160	3.90	NPD	NPD
170	4.10	NPD	NPD
180	4.35	NPD	NPD
190	4.60	NPD	NPD
200	4.85	NPD	NPD
210	5.10	NPD	NPD
220	5.35	NPD	NPD
230	5.60	NPD	NPD
240	5.85	NPD	NPD
250	6.05	NPD	NPD
260	6.30	NPD	NPD
270	6.55	NPD	NPD
280	6.80	NPD	NPD
290	7.05	NPD	NPD
300	7.30	NPD	NPD
310	7.55	NPD	NPD
320	7.80	NPD	NPD
330	8.00	NPD	NPD
340	8.25	NPD	NPD
350	8.50	NPD	NPD
360	8.75	NPD	NPD
370	9.00	NPD	NPD
380	9.25	NPD	NPD
390	9.50	NPD	NPD
400	9.75	NPD	NPD

The performance of the product identified above is in conformity with the set of declared performances. 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, 07-09-2023