Declaration of Performance No RW-CEE-DoP-0022/CM/16/w2

EN

CE

FRONTROCK MAX E

MW-EN13162-T5-DS(70,-)-DS(70,90)-CS(10)20-TR10-PL(5)250-WS-WL(P)-MU1

1. Unique identification code of the product-type:
   RW-CEE-0022
2. Intended use: **Thermal insulation products for buildings (ThIB).**
3. Manufacturer: **ROCKWOOL® Polska Sp. z o.o., ul.Kwiatowa 14, 66-131 Cigacice.**
4. System of attestation of conformity: **System 1 + System 3**
5. Harmonised standard: **EN 13162:2012+A1:2015**
   Notified body No **1390 Centrum stavebního inženýrství a.s. Praha.**
   Certificate of constancy of performance No: **1390-CPR-0256/10/P, 1390-CPR-0452/16/P (factory Cigacice), 1390-CPR-0255/10/P(factory Małkinia).**
6. Declared Performance in the Table 1:

Table 1:

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012+A1:2015	Declared value / NPD [1]
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	**A1**
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	EU level not yet available	[c]
Acoustic absorption index	4.3.11 Sound absorption	α_p (API[a]) and α_w, (AWi[a]) declared	**NPD**
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s', SDi[a] declared	**NPD**
	4.3.10.2 Thickness, d_L	d_L and classes for thickness tolerances T6 or T7	**NPD**
	4.3.10.4 Compressibility c	CPi[a] declared	**NPD**
	4.3.12 Air flow resistivity	AF_ri[a] declared	**NPD**
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF_ri[a] declared	**NPD**
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	[b]
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Thermal conductivity λ (W/mK)	**0,036**
		Thermal resistance R=d/λ, (m^2K/W)	**2,20÷7,75** see product label
	4.2.3 Thickness	Thickness range (mm)	**80-280**
		Ti[a] class for thickness tolerance	**T5**
Water permeability	4.3.7.1 Short term water absorption	WS- declared W_p; (kg/m^2)	**≤ 1**
	4.3.7.2 Long term water absorption	WL(P) - declared W_{lp}; (kg/m^2)	**≤ 3**
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ; (MUi[a]) or Zi[a]	**MU1**
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10)i[a] or CS(10\Y)i[a] declared (kPa)	**CS(10)20**
	4.3.5 Point load	PL(5)i[a] declared (N)	**PL(5)250**
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	[2] Euroclasses	**A1**
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	[2] declared R=d/λ, (m^2K/W) and λ (W/mK) if possible	**2,20÷7,75** see product label
			0,036
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	**≤1%**
		DS(70,90) declared The relative changes in thickness	**≤1%**
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TRi[a] declared (kPa)	**TR10**
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC(i_1 [a] /i_2 [a]) σ_C compressive creep declared X_{ct} and X_t	**NPD**

[1] No performance determined (NPD); [2] no change with time; [a] "i" indicates relevant class of level or declared value; [b] national regulations not available; [c] according to national regulations; see: Safety Use Instruction Sheet;

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:

Frank Christian Bartel
Technical&Production Director
(Name, function)

Cigacice, 05.09.2016
(Place, date)

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(Signature)