

ROOFROCK 50

MW-EN13162-T4-DS(70,-)-DS(70,90)-CS(10)50-TR10-PL(5)600-WS-WL(P)-MU1

- Unique identification code of the product-type:
RW-CEE-0121
- Intended use: Thermal insulation products for buildings (ThIB).
- Manufacturer: ROCKWOOL® Polska Sp. z o.o.,
ul.Kwiatowa 14, 66-131 Cigacice.
- System of attestation of conformity: **System 1 + System 3**
- 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-0102/08/P (factory
Malkinia)
- 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	^{e)}
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 _i ^{a)} declared	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF _i ^{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)	0,038
		Thermal resistance $R=d/\lambda$, (m ² K/W)	1,05 ± 1,30 see product label
	4.2.3 Thickness	Thickness range (mm) Ti ^{a)} class for thickness tolerance	40-50 T4
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) ^{j)}) or CS(10Y) ^{j)}) declared (kPa)	CS(10)50
	4.3.5 Point load	PL(5) ^{j)}) declared (N)	PL(5)600
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 $R=d/\lambda$, (m ² K/W) and λ (W/mK) if possible	1,05 ± 1,30 see product label
			0,038
	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	TR ^{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_{c1} and X_{c2}	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, 15.03.2016
(Place, date)

(Signature)