

MEGA Frontrock/ ROCKSATE trio/ ECOROCK 3D/ FRONTROCK Trio/ ROCKWOOL Triple Density/ ROCKWOOL Levelrock/ Facadebatts Plus/ MEGA COMPACT/ REDArt TRIO Facadebatts/ REDArt TRIO Fasadeplate/ REDArt TRIO Fasadeskiva

- Unique identification code of the product-type:
RW-PL-G-0106-I
- Type and serial number allowing identification of the product: **See product:**
first layer d=35mm MW-EN 13162-T1-CS(1000,5-MU1;
second layer d=90-170mm MW-EN 13162-T5-DS(70,-)-DS(70,90)-TR10-
CS(10)20-PL(5)400-WS-WL(P)-MU1
- Intended use of the construction product, in accordance with the applicable
harmonized technical specification,
as foreseen by the manufacturer: **Thermal insulation products for
buildings(ThIB)**
- Name, registered trade name or trade mark and contact address of the
manufacturer as required under article 11(5): **ROCKWOOL® Polska Sp. z o.o.,
ul.Kwiatowa 14, 66131 Cigacice.**
- Where, applicable, name and contact address of the authorized representative whose
mandate covers the tasks specified in Article 12(2): not applicable
- System of attestation of conformity: **System1+ System 3**
- Notified Certification body No. **1390 Centrum stavebního inženýrství a.s. Praha**,
performed, carried out the initial type testing, the initial inspection of the
manufacturing plant and of factory production control and the continuous
surveillance, assessment and evaluation of factory production control and issued the
certificate of constancy of performance No 1390-CPR-0334/12/P (factory Malkinia).
- Not applicable
- Declared Performance in the Table 1 and Table 2

Table 1

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012	Declared value / NPD ¹⁾	
			First layer ²⁾ d=35mm	Second layer ²⁾ d=90-170mm
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 ³⁾) and α_w (AWI ³⁾) declared	NPD	
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s' , SDI ³⁾ declared	NPD	
	4.3.10.2 Thickness, d_t	d_t declared and classes for thickness tolerances T6 or T7	NPD	
	4.3.10.4 Compressibility c	CPI ³⁾ declared	NPD	
	4.3.12 Air flow resistivity	AF _i ³⁾ declared. Direct airborne sound insulation index	NPD	
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF _i ³⁾ 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	Declared R and λ , if possible	See table 2 0,036 W/mK	
	4.2.3 Thickness	T ³⁾ class for thickness tolerance	T1	T5
Water permeability	4.3.7.1 Short term water absorption	WS- declared W_s	NPD	$\leq 1 \text{ kg/m}^2$
	4.3.7.2 Long term water absorption	WL(P)-declared W_b	NPD	$\leq 3 \text{ kg/m}^2$
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ ; (MU ³⁾) or Z ³⁾	MU1	
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) ³⁾ or CS(10Y) ³⁾ declared	CS(10)0,5 kPa	CS(10)20 kPa
	4.3.5 Point load	PL(5) ³⁾ declared	NPD	PL(5)400 N
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	Reaction to fire as declared by 4.2.6	not change with time	
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	Declared R and λ , if possible	not change with time	
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	NPD	$\leq 1\%$
	4.3.2 Dimensional stability under specified temperature or under specified temperature and humidity conditions	DS(70,90) declared The relative changes in thickness	NPD	$\leq 1\%$
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR ³⁾ declared	NPD	TR 10kPa
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC(i_1 , i_2) ³⁾ σ_c compressive creep declared X_{c1} and X_1	NPD	

¹⁾ No performance determined; ²⁾ first and second layer, factory connected ³⁾ indicates relevant class of level or declared value; ^{b)} national regulations not available; ^{c)} according to national regulations; see: Safety Use Instruction Sheet

Table 2

d(mm)	Thermal resistance, R ₀									
	120	140	150	160	180	200	-	-	-	-
R ₀ (m ² /K/W)	3,30	3,85	4,15	4,40	5,00	5,55	-	-	-	-

NOTE: R value has been given for thickness of installed product (5 mm may be compressed)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in Table 1 and Table 2 of point 9. This declaration of performance is issued 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, 01.10.2014

(Place, date)

Signature