

Durock d=50-180mm

MW-EN 13162-T4-DS(70,-)-DS(70,90)-CS(10)60*-TR10-PL(5)700-WS-WL(P)-MU1

- Unique identification code of the product-type: RW-PL-G-1031-I
- Intended use:
Thermal insulation products for buildings (ThIB)
- Manufacturer:
ROCKWOOL® Hungary Kft, Keszthelyi út 53, Tapolca H-8300
- System of attestation of conformity: System1+ System3
- Harmonized standard: EN 13162:2012
Notified body No.: 1415
Certificate of constancy of performance
No.: 1415-CPR-3-(C-7/2010)
- 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⁾
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 (AP ²⁾) and α_{av} (AW ²⁾) declared	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s'_i , SD ²⁾ declared	NPD
	4.3.10.2 Thickness, d_i	d_i declared and classes for thickness tolerances T6 or T7	NPD
	4.3.10.4 Compressibility c	CP ²⁾ declared	NPD
	4.3.12 Air flow resistivity	AF _i ²⁾ declared. Direct airborne sound insulation index	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF _i ²⁾ declared.	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	^{c)}
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Declared R and λ if possible	See table 2 0,040 W/mK
	4.2.3 Thickness	T ²⁾ class for thickness tolerance	T4
Water permeability	4.3.7.1 Short term water absorption	WS- declared W_{S-}	≤ 1 kg/m ²
	4.3.7.2 Long term water absorption	WL(P) -declared W_{Lp}	≤ 3 kg/m ²
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ_i (MU ²⁾) or Zi ²⁾	MU1
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) ²⁾ or CS(10\Y) ²⁾ declared *for top layer CS(10)	≥ 60 kPa * ≥ 80 kPa
	4.3.5 Point load	PL(5) ²⁾ declared	≥ 700 N
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristic	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		
	4.3.2 Dimensional stability under specified temperature or under specified temperature and humidity conditions	DS(70,-) declared; The relative changes in thickness DS(70,90) declared; The relative changes in thickness	$\leq 1,0\%$ $\leq 1,0\%$
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR ²⁾ declared	≥ 10 kPa
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC($t_1^{2)$ / $t_2^{2)$) σ_c compressive creep declared X_{ct} and X_{ct}	NPD

¹⁾ no performance determined ²⁾ "I" indicates relevant class of level or declared value ³⁾ national regulations not available ^{c)} according to national regulations; see: Safety Use Instruction Sheet

Table 2

Thermal resistance, R_D														
d(mm)	20	30	40	50	60	80	100	110	120	140	160	180	200	220
R_D (m ² /K/W)	--	--	--	1.25	1.50	2.00	2.50	2.75	3.00	3.50	4.00	4.50	--	--

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

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:

Tapolca, 12 August 2015

Frank Christian Bartel
Technical and Production Director