

## Roofrock 60 d=60-200mm

### MW-EN 13162-T5-DS(70,-)-DS(70,90)-CS(10)60-TR15-PL(5)500-WS-WL(P)-MU1

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|---|---|
| <p>1. Unique identification code of the product-type: RW-PL-G-1051-I</p> <p>2. Intended use:<br/>Thermal insulation products for buildings (THIB)</p> <p>3. Manufacturer:<br/>ROCKWOOL® Hungary Kft, Keszthelyi út 53, Tapolca H-8300</p> | <p>4. System of attestation of conformity: System 1+ System 3</p> <p>5. Harmonized standard: EN 13162:2012<br/>Notified body No.: 1415<br/>Certificate of constancy of performance<br/>No.: 1415-CPR-3-(C-7/2010)</p> <p>6. Declared Performance in the Table 1 and Table 2</p> |
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Table 1

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012	Declared value / NPD <sup>1)</sup>
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	<sup>c)</sup>
Acoustic absorption index	4.3.11 Sound absorption	$\alpha_p$ (API <sup>a)</sup> ) and $\alpha_w$ (AWI <sup>a)</sup> ) declared	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	$s'$ ; SDI <sup>a)</sup> declared	NPD
	4.3.10.2 Thickness, $d_L$	$d_L$ declared and classes for thickness tolerances T6 or T7	NPD
	4.3.10.4 Compressibility $c$	CP <sup>a)</sup> declared	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF <sub>i</sub> <sup>a)</sup> declared. Direct airborne sound insulation index	NPD
	4.3.12 Air flow resistivity	AF <sub>f</sub> <sup>a)</sup> declared.	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	<sup>c)</sup>
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Declared R and $\lambda$ if possible	See table 2 0,039 W/mK
	4.2.3 Thickness	T <sup>a)</sup> class for thickness tolerance	T5
Water permeability	4.3.7.1 Short term water absorption	WS- declared $W_p$	$\leq 1$ kg/m <sup>2</sup>
	4.3.7.2 Long term water absorption	WL(P) -declared $W_{lp}$	$\leq 3$ kg/m <sup>2</sup>
Water vapour permeability	4.3.8 Water vapour transmission	Declared $\mu$ ; (MU <sup>a)</sup> ) or ZI <sup>a)</sup>	MU1
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) <sup>a)</sup> or CS(10.Y) <sup>a)</sup> declared	$\geq 60$ kPa
	4.3.5 Point load	PL(5) <sup>a)</sup> declared	$\geq 500$ 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 $\lambda$ if possible	not change with time
	4.2.7 Durability characteristics	DS(70,-) declared; <i>The relative changes in thickness</i>	$\leq 1,0\%$
	4.3.2 Dimensional stability under specified temperature or under specified temperature and humidity conditions	DS(70,90) declared; <i>The relative changes in thickness</i>	$\leq 1,0\%$
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR <sup>a)</sup> declared	$\geq 15$ kPa
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC( $i_1$ <sup>a)</sup> / $i_2$ <sup>a)</sup> ) $\sigma_c$ compressive creep declared $X_{c1}$ and $X_c$	NPD

<sup>1)</sup> no performance determined <sup>a)</sup> "T" indicates relevant class of level or declared value <sup>b)</sup> national regulations not available <sup>c)</sup> according to national regulations; see: Safety Use Instruction Sheet

Table 2

d(mm)	Thermal resistance, $R_D$														
	20	30	40	50	60	80	100	110	120	140	160	180	200	220	
$R_D$ (m <sup>2</sup> K/W)	--	--	--	--	1,50	2,05	2,55	2,80	3,05	3,55	4,10	4,60	5,10	--	

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, March 2015

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 Frank Christian Bartel  
 Technical and Production Director