

ROOF 70 Basis
MW-EN13162-T5-DS(70,90)-CS(10)70-TR15-PL(5)700-WS-WL(P)-MU1


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| 1. Unique identification code of the product-type: ROOF 70 Basis | 4. Authorized representative: - |
| 2. Intended use: Thermal insulation products for buildings – Factory made mineral wool (MW) products. For uses subject to regulations on reaction to fire A1. | 5. System of attestation of conformity: System 1, System 3 |
| 3. Manufacturer: Joint Stock Company «GomelStroyMaterialy» Republic of Belarus, 246010, Mogilevskaya str., 14, Gomel | 6. Harmonized standard: EN 13162:2012+A1:2015
Notified certification body: No. 1020 performed Certificate of constancy of performance No. 1020 –CPR-010022606
Report of the assessment of performance No. 1020-CPR-010-044681. |

7. Declared Performance

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard							
Reaction to fire	Reaction to fire Euroclasses A1	EN 13162:2012+A1:2015							
Release of dangerous substances to the indoor environment	Release of dangerous substances EU level not yet available NPD								
Acoustic absorption index	Sound absorption $\alpha_p(A_{Pi})$ and $\alpha_w(A_{Wi})$ declared NPD								
Impact noise transmission index (for floors)	Dynamic stiffness S', S_d declared NPD								
	Thickness, d_L d_L and classes for thickness tolerances T6 or T7 NPD								
	Compressibility c C_{Pi} declared NPD								
	Airflow resistivity A_{Fi} declared NPD								
Direct airborne sound insulation index	Airflow resistivity A_{Fi} declared NPD								
Continuous glowing combustion	Continuous glowing combustion EU level not yet available NPD								
Thermal resistance	Thermal resistance and thermal conductivity Thermal conductivity λ (W/mK) 0,038 Thermal resistance $R = d/\lambda$ (m ² K/W) 2,10 ÷ 4,20 . See table								
	Thickness Thickness range (mm) 80 ÷ 160 Ti class for thickness tolerance T5								
Water permeability	Short term water absorption WS -declared W_p (kg/m ²) WS								
	Long term water absorption WL(P) declared W_{LP} (kg/m ²) WL(P)								
Water vapour permeability	Water vapour transmission Declared μ_i (MUi) or Z_i MUI								
Compressive strength	Compressive stress or compressive strength CS(10) _i or CS(10/Y) _i declared (kPa) CS(10)70								
	Point load PL(5) _i declared (N) PL(5)700								
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics Euroclasses A1								
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity Declared $R = d / \lambda$ (m ² K/W) 2,10 ÷ 4,20 . See table Declared λ W/mK 0,038								
	Durability characteristics DS(70,-) declared. The relative changes in thickness NPD DS(70,90) declared. The relative changes in thickness DS(70,90)								
Tensile strength	Tensile strength perpendicular to faces T_{ri} declared (kPa) TR15								
Durability of compressive strength against ageing/degradation	Compressive creep CC(i_1/i_2) σ_c compressive creep declared X_{c1} and X_{c2} NPD								
Thermal resistance R_D									
d (mm)	80	90	100	110	120	130	140	150	160
R_D (m ² K/W)	2,10	2,35	2,60	2,85	3,15	3,40	3,65	3,90	4,20

8. The Characteristics of the product specified above correspond to the declared characteristics. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the responsibility of the manufacturer identified above.

13 February 2023
General Director Joint Stock Company «GomelStroyMaterialy»



Stanislav Zheromski

Natural thermal insulation
BEITEP
JSC «GOMELSTROYMATERIALY»

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