

ROOF 70

MW-EN13162-T5-DS(70,90)-CS(10)70-TR15-PL(5)850-WS-WL(P)- MUI

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| 1. Unique identification code of the product-type: ROOF 70 | 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, Mogilevskaya str., 14, 246010 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 α_p (A _{Pi}) and α_w (A _{Wi}) declared NPD											
Impact noise transmission index (for floors)	Dynamic stiffness S' , S_d declared NPD											
	Thickness, d_L and classes for thickness tolerances T6 or T7 NPD											
	Compressibility c C_{Pi} declared NPD											
Direct airborne sound insulation index	Airflow resistivity A_{Fi} declared NPD											
	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) 1,05 ÷ 3,95. See table											
	Thickness Thickness range (mm) 40 ÷ 150 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)850											
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) 1,05 ÷ 3,95. 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 Tr _i declared (kPa) TR15											
Durability of compressive strength against ageing/degradation	Compressive creep CC(i1/i2) σ_c compressive creep declared X_{ct} and X_t NPD											
Thermal resistance R_D												
d (mm)	40	50	60	70	80	90	100	110	120	130	140	150
R_D m ² K/W	1,05	1,30	1,55	1,80	2,10	2,35	2,60	2,85	3,15	3,40	3,65	3,95

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

BELTEP

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