

ROOF 70

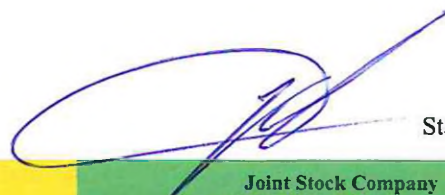
MW-EN13162-T5-DS(70,90)-CS(10)70-TR15-PL(5)850-WS-WL(P)- MUI

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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 CPI declared NPD											
	Airflow resistivity A _F declared NPD											
Direct airborne sound insulation index	Airflow resistivity A _F 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 WLP (kg/m ²) WL(P)											
Water vapour permeability	Water vapour transmission Declared μ ; (MUi) or Zi 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 Tri declared (kPa) TR15											
Durability of compressive strength against ageing/degradation	Compressive creep CC(i1/i2) σ_c compressive creep declared X _{cr} and X _i 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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