

ROOF 30

MW-EN13162-T5-DS(70,90)-CS(10)30-TR7,5-PL(5)300-WS-WL(P)-MU1

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| 1. Unique identification code of the product-type: ROOF 30 | 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 α_p (APi) and α_w (AWi) declared NPD	
Impact noise transmission index (for floors)	Dynamic stiffness S' , S_d declared NPD	
	Thickness, d_t d_t and classes for thickness tolerances T6 or T7 NPD	
	Compressibility c CPI declared NPD	
	Airflow resistivity AFi declared NPD	
Direct airborne sound insulation index	Airflow resistivity AFi 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) 0,035 Thermal resistance $R = d/\lambda$ (m ² K/W) 1,40 ÷ 5,70. See table	
	Thickness Thickness range (mm) 50 ÷ 200 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 MU1	
Compressive strength	Compressive stress or compressive strength CS(10)i or CS(10/Y)i declared (kPa) CS(10)30	
	Point load PL(5)i declared (N) PL(5)300	
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) 1,40 ÷ 5,70. See table Declared λ W/mK 0,035	
	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) TR7,5	
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)	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
R _D (m ² K/W)	1,40	1,70	2,00	2,25	2,55	2,85	3,10	3,40	3,70	4,00	4,20	4,55	4,85	5,10	5,40	5,70

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

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