

LIGHT


MW-EN13162-T4-DS(70,90)-WS-WL(P)-AW0,90-MU1

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| 1. Unique identification code of the product-type: LIGHT | 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 $\alpha_p(A_{Pi})$ and $\alpha_w(A_{Wi})$ declared AW0,90																	
Impact noise transmission index (for floors)	Dynamic stiffness s' SD deklarowane NPD																	
	Thickness, d_t d_t and classes for thickness tolerances T6 lor T7 NPD																	
	Compressibility c CPI declared NPD																	
	Airflow resistivity AFr i declared NPD																	
Direct airborne sound insulation index	Airflow resistivity AFr i 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) 1.10÷5,70. See tabel																	
	Thickness Thickness range (mm) 40 – 200 Ti class for thickness tolerance T4																	
Water permeability	Short term water absorption WS declared WP; kg/m ² WS																	
	Long term water absorption WL(P) - declared W IP; kg/m ² WL(P)																	
Water vapour permeability	Water vapour transmission Declared μ_i ; (MU _i) or Z _i MU1																	
Compressive strength	Compressive stress or compressive strength CS(10) _i or CS(10/Y) _i declared (kPa) NPD																	
	Point load PL(5) _i declared (N) NPD																	
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 1.10÷5,70. See tabel 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 TR _i declared (kPa) NPD																	
Durability of c ompressive strength against ageing\degradation	Compressive creep CC(i1/i2) δ_c compressive creep declared X_{ct} and X_{t1} NPD																	
Thermal resistance R _D																		
d (mm)	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	
R _D m ² K/W	1,10	1,40	1,70	2,00	2,25	2,55	2,85	3,10	3,40	3,70	4,00	4,25	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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