DECLARATION OF PERFORMANCE
No. 0002-DoP-2023/02/13

CE

LIGHT EXTRA

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

1. Unique identification code of the product-type: **LIGHT EXTRA**
2. Intended use: **Thermal insulation products for buildings – Factory made mineral wool (MW) products. For uses subject to regulations on reaction to fire A1.**
3. Manufacturer: **Joint Stock Company «GomelStroyMaterialy» Republic of Belarus, Mogilevskaya str., 14, 246010 Gomel**
4. Authorized representative: **-**
5. System of attestation of conformity: **System 1, System 3**
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 αp(APi) and αw(AWi) declared **AW0,70**	
Impact noise transmission index (for floors)	Dynamic stiffness s' SD deklarowane **NPD**	
	Thickness, d_L d_L and classes for thickness tolerances T6 lor T7 **NPD**	
	Compressibility c CPi declared **NPD**	
	Airflow resistivity AF_r i declared **NPD**	
Direct airborne sound insulation index	Airflow resistivity AF_r 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 / λ (m^2K/W) **1.40÷5,70** **See tabel**	
	Thickness Thickness range (mm) **50 - 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; (MUi) or Zi **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 / λ m^2K/W **See table** **Thermal resistance** Declared λ W/mK **0,035**	
	Durability characteristics DS(70) declared **NPD** The relative changes in thickness DS(70,90) declared **DS(70,90)** The relative changes in thickness	
Tensile strength	Tensile strength perpendicular to faces TRi declared (kPa) **NPD**	
Durability of c ompressive strength against ageing\degradation	Compressive creep CC(i1/i2)δc compressive creep declared X_{ct} and X_t **NPD**	

Thermal resistance RD																
d (mm)	**50**	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
R_D m²K/W	**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
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