DECLARATION OF PERFORMANCE
No. 0014-DoP-2023/02/13

CE

ROOF 35

MW-EN13162-T5-DS(70,90)-CS(10)40-TR7,5-PL(5)350-WS-WL(P)-MU1

1. Unique identification code of the product-type:**ROOF 35**
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
   Certificate of constancy 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 **NPD**	
Impact noise transmission index (for floors)	Dynamic stiffness S',Sdideclared **NPD**	
	Thickness, d_L dLand classes for thickness tolerancesT6 or T7 **NPD**	
	Compressibility c CPi declared **NPD**	
	Airflow resistivity AFrideclared **NPD**	
Direct airborne sound insulation index	Airflow resistivity AFrideclared **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) **0,036** Thermal resistance R = d/λ (m^2K/W) **1,65 ÷ 5,00. See table**	
	Thickness Thickness range (mm) **60 ÷ 180** 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)40**	
	Point load PL(5)i declared (N) **PL(5)350**	
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) **1,65 ÷ 5,00. See table** Declared λ W/mK **0,036**	
	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**	
Durabilityof c ompressive strength against ageing\degradation	Compressive creep CC(i1/i2) $\sigma_c$compressivecreep declaredX_{ct} and X_t **NPD**	

Thermal resistance RD													
d (mm)	60	70	80	90	100	110	120	130	140	150	160	170	180
RDm²K/W	**1,65**	**1,90**	**2,20**	**2,50**	**2,75**	**3,05**	**3,30**	**3,60**	**3,85**	**4,15**	**4,40**	**4,70**	**5,00**

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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