

VENT 50
MW-EN13162-T5-DS(70,90)-CS(10)10-TR5-WS-WL(P)-MU1-AF32

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| <p>1. Unique identification code of the product-type: VENT 50</p> <p>2. Intended use: Thermal insulation products for buildings – Factory made mineral wool (MW) products. For uses subject to regulations on reaction to fire A1.</p> <p>3. Manufacturer: Joint Stock Company «GomelStroyMaterialy» Republic of Belarus, 246010, Mogilevskaya str., 14, Gomel</p> | <p>4. Authorized representative: -</p> <p>5. System of attestation of conformity: System 1, System 3</p> <p>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.</p> |
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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 SD deklarowane NPD	
	Thickness, d_L d_L and classes for thickness tolerances T6 lor T7 NPD	
	Compressibility c CPi declared NPD	
	Airflow resistivity AFr i declared AF32	
Direct airborne sound insulation index	Airflow resistivity AFr i declared AF32	
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) 0,85±5,70. See tabel	
	Thickness Thickness range (mm) 30 – 200 Ti class for thickness tolerance T5	
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 ; (MU _i) or Z _i MU1	
Compressive strength	Compressive stress or compressive strength CS(10) _i or CS(10/Y) _i declared (kPa) CS(10)10	
	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 0,85±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) TR5	
Durability of c ompressive strength against ageing\degradation	Compressive creep CC(1/12) _{δc} compressive creep declared X _{et} and X _t NPD	

Thermal resistance RD

d (mm)	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
R _D m ² K/W	0,85	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

BELTEP

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