



ROOF B60

MW-EN13162-T5-DS(70,90)-CS(10)60-TR15-PL(5)1000-WS-WL(P)-MU1

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|--|---|
| 1. Unique identification code of the product-type: ROOF B60 | 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 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 and classes for thickness tolerances T6 or T7 NPD | | | |
| | Compressibility c C_{Pi} declared NPD | | | |
| Direct airborne sound insulation index | Airflow resistivity A_{Fi} declared NPD | | | |
| | Airflow resistivity A_{Fi} 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) 0,040 Thermal resistance $R = d/\lambda$ (m ² K/W) 0,75±1,50. 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 W_{LP} (kg/m ²) WL(P) | | | |
| Water vapour permeability | Water vapour transmission Declared μ_i (MUi) or Z_i MU1 | | | |
| Compressive strength | Compressive stress or compressive strength CS(10)i or CS(10/Y)i declared (kPa) CS(10)60 | | | |
| | Point load PL(5)i declared (N) PL(5)1000 | | | |
| 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) 0,75±1,50. See table Declared λ W/mK 0,040 | | | |
| | 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 T_{ri} declared (kPa) TR15 | | | |
| Durability of compressive strength against ageing/degradation | Compressive creep $CC(i1/i2)$ σ_c compressive creep declared X_{c1} and X_i NPD | | | |
| Thermal resistance RD | | | | |
| d (mm) | 30 | 40 | 50 | 60 |
| RD m ² K/W | 0,75 | 1,00 | 1,25 | 1,50 |

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

BEITEP

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