



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 (ThIB) | 5. System of attestation of conformity: System 1 |
| 3. Manufacturer: Joint Stock Company «GomelSroyMaterialy» 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 |

Declared Performance			
Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012+A1:2015	Declared value
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	A1
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	EU level not yet available	NPD
Acoustic absorption index	4.3.11 Sound absorption	α_p (APi) and α_w (AWi) declared	0,90
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s , SDi declared	NPD
	4.3.10.2 Thickness, d_L	d_L and classes for thickness tolerances T6 for T7	NPD
	4.3.10.4 Compressibility c	CPI declared	NPD
	4.3.12 Airflow resistivity	AFri declared	NPD
Direct airborne sound insulation index	4.3.12 Airflow resistivity	AFri declared	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	NPD
Thermal resistance	4.2.1 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
	4.2.3 Thickness	Thickness range (mm)	40 - 200
		Ti class for thickness tolerance	T4
Water permeability	4.3.7.3 Short term water absorption	WS - declared W_F ; kg/m ²	≤ 1
	4.3.7.2 Long term water absorption	WL(P) - declared W_{LP} ; kg/m ²	≤ 3
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ ; (MU _i) or Z_i	MU1
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) _i or CS(10/Y) _i declared (kPa)	NPD
	4.3.5 Point load	PL(5) _i declared (N)	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	Euroclasses	A1
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	Declared $R = d / \lambda$ m ² K/W	See table Thermal resistance
		Declared λ W/mK	0,035
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	NPD
		DS(70,90) declared The relative changes in thickness	≤ 1
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TRi declared (kPa)	NPD
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC(i1/i2) σ_c compressive creep declared X_{ct} and X_t	NPD

Thermal resistance RD

d (mm)	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
RD 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

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General Director Joint Stock Company «GomelSroyMaterialy»

Stanisiav Zeromski



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