

## FACADE Pro

MW-EN13162-T5-DS(70, 90)-CS(10)40-TR12-WS-WL(P)-BS100-MU1

- Unique identification code of the product-type:  
FACADE Pro
- Intended use: Thermal insulation products for buildings (ThIB)
- Manufacturer: Joint Stock Company «GomelStroyMaterialy»  
Republic of Belarus, Mogilevskaya str., 14, 246010 Gomel
- Authorized representative: -
- System of attestation of conformity: System 1
- Harmonized standard: EN 13162:2012+A1:2015  
Notified certification body: No. 1020 performed Certificate of constancy of performance No. 1020 –CPR-010022606

## 7. 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	$\alpha_p$ (APi) and $\alpha_w$ (AWi) declared	NPD						
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 or 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 $\lambda$ (W/mK)	0,035						
		Thermal resistance $R = d / \lambda$ (m <sup>2</sup> K/W)	2,85÷5,10 See tabel						
	4.2.3 Thickness	Thickness range (mm) Ti class for thickness tolerance	100 - 180 T5						
Water permeability	4.3.7.3 Short term water absorption	WS - declared $W_p$ (kg/m <sup>2</sup> )	≤ 1						
	4.3.7.2 Long term water absorption	WL(P) - declared $W_{LP}$ (kg/m <sup>2</sup> )	≤ 3						
Water vapour permeability	4.3.8 Water vapour transmission	Declared $\mu_i$ (MU <sub>i</sub> ) or $Z_i$	MU1						
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) <sub>i</sub> or CS(10/Y) <sub>i</sub> declared (kPa)	≥ 40						
	4.3.5 Point load	PL(5) <sub>i</sub> 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 <sup>2</sup> K/W)	See table Thermal resistance						
		Declared $\lambda$ (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)	≥ 12						
	4.3.17 Bending strength	BSi declared (kPa)	≥ 100						
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC(i1/2) $\sigma_c$ compressive creep declared $X_{ct}$ and $X_t$	NPD						
<b>Thermal resistance RD</b>									
d (mm)	100	110	120	130	140	150	160	170	180
RD (m <sup>2</sup> K/W)	2,85	3,10	3,40	3,70	4,00	4,25	4,55	4,85	5,10

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.

January 1st 2020

General Director Joint Stock Company «GomelStroyMaterialy»

Stanislav Zheromski