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Technical sheet. Dated 04.2016 #3.21

TECHNOBLOCK STANDART

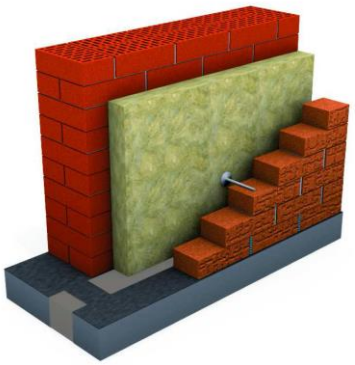
MW-EN 13162-T4-DS(70,-)-DS(23,90)-CS(10)0,5-WS-WL(P)-MU1 RtF:A1

EN 13162:2012+A1

1023-CPR-0705P

Application areas:

TECHNOBLOCK STANDART slabs are intended for use as warm, sound insulation as the primary (internal) insulating layer in the device of ventilated facades of two layers of insulation. Plate can be used for thermal insulation surface power equipment, process equipment, pipelines, transport objects, etc.



Description of material:

TECHNOBLOCK STANDART - nonflammable, water-repellent thermal and sound insulation slabs of mineral wool based on basalt rocks.

Storage:

The slabs must be stored in covered warehouses. Storage under an awning protecting the slabs from atmospheric precipitation is permitted. The slabs shall be stored into containers or stacked on the pallets or on the supports during whole period of storage. The height of the stack shall not exceed 3 meters.

Product technical data:

Essential characteristics	Performance	Harmonized technical specification	
Declared thermal conductivity at 10 °C, W/m*K	0,036	EN 12667	EN 13162:2012 + A1:2015
Length, mm	±2/±1,5 %	EN 823	
Width, mm	T4	EN 823	
Thickness, (with increments of 10 mm), mm	50-200	EN 823	
Deviation from squareness, mm/m	< 5	EN 824	
Deviation from flatness, mm	< 6	EN 825	
Compressive stress at 10% deformation, kPa	CS(10)0,5	EN 826	
Dimensional stability, %: -at specified temperature -under specified temperature (23°C) and humidity conditions (90%R.H.)	DS(70,-) <1 DS(23,90) <1	EN 1604	
Reaction to fire, euroclass	A1	EN 13501-1	
Water Absorption during Short/ Longterm Immersion kg/m2	WS <1 WL(P)<3	EN 1609 EN 12087	
Water vapour transmission, MU	MU1	12086	
Dangerous Substances:	Does not include dangerous substances		

Declared Thermal resistance, EN 12667																	
Thickness, mm	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
R. m^2*K/W	1,10	1,40	1,65	1,95	2,20	2,50	2,75	3,05	3,30	3,60	3,85	4,15	4,40	4,70	5,00	5,25	5,55