



TECHNOVENT STANDARD

MW-EN 13162-T3-DS(70,-)-DS(23,90)-CS(10)40-TR15-PL(5)350-WS-WL(P)-MU1- RfF:A1

EN 13162:2012+A1
1023-CPR-0282 P
1023-CPR-0223 P


Product description

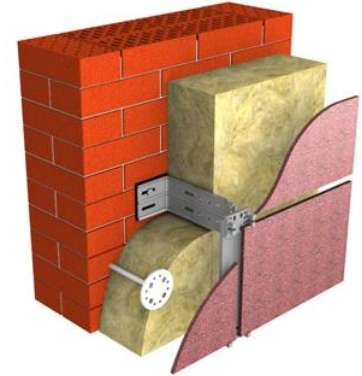
TECHNOVENT STANDARD is the nonflammable, water-repellent thermal and sound insulation slabs of mineral wool based on basalt rocks.

Area of application

TECHNOVENT STANDARD slabs are used in industrial and civil construction as a thermal and sound insulation in ventilated facade systems (one-layer insulation or the exterior layer in two-layer insulation).

Storage

The slabs must be stored in covered warehouses. The slabs shall be stored in containers or stacked on the pallets or on the supports during the whole period of storage. The height of the stack shall not exceed 3 meters. Shelf life if all storage requirements are met: 12 months from the date of production.



Main characteristics

Essential characteristics	Performance	Harmonized technical specification
Declared thermal conductivity at 10°C, W/m*K	0.035	EN 12667
Length, mm	1000, 1200 (±2%)	EN 822
Width, mm	500, 600 (±2%)	EN 822
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)10	EN 826
Tensile strength perpendicular to faces, kPa	TR5	EN 1607
Point Load, N	PL(5)100	EN 12430
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/m ²	WS <1 WL(P)<3	EN 1609 EN 12087

EN
13162:2012
+ A1:2015

Thermal resistance (EN 12667)

Thickness, mm	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
R _D , m ² *K/W	1.40	1.70	1.95	2.25	2.55	2.80	3.10	3.40	3.70	3.95	4.25	4.50	4.80	5.10	5.40	5.70