



TECHNOROOF V60

 MW-EN 13162-T5- DS(70,-) DS(23,90)-CS(10)60-TR15-
 PL(5)700-WS-WL(P)-MU1 RfF:A1

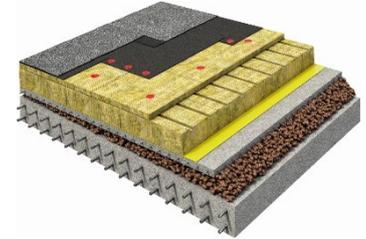
EN 13162:2012+A1
1023-CPR-0223 P


Product description

TECHNOROOF V60 is the nonflammable water-repellent thermal and sound insulation slabs of mineral wool based on basalt rocks.

Area of application

TECHNOROOF V60 slabs are used as thermal and sound insulation in new constructions or reconstructions of industrial and civil buildings and structures. Designed for installation as the top insulation layer on flat roofs. Recommended to be applied in combination with TECHNOROOF N30.



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 ² K	0.038	EN 12667	EN 13162:2012 + A1:2015
Length, mm	1200, 2400 (±2%)	EN 822	
Width, mm	600, 1200 (±2%)	EN 822	
Thickness (with increments of 10 mm), mm	30-100	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)60	EN 826	
Tensile strength perpendicular to faces, kPa	TR15	EN 1607	
Point load, N	PL(5)700	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	
Water vapor transmission, MU	MU1	EN 12086	

Thermal resistance (EN 12667)

Thickness, mm	30	40	50	60	70	80	90	100
R _D , m ² *K/W	0.75	1.00	1.30	1.55	1.80	2.05	2.35	2.60