



TECHNOROOF V60

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



PRODUCT DESCRIPTION:

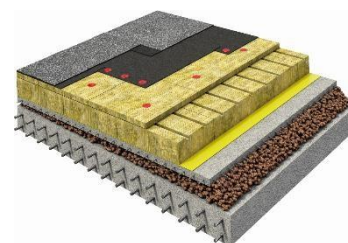
TECHNOROOF V60 is the nonflammable water-repellent thermal and sound insulation slabs of mineral wool based on basalt rocks.

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.



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

MAIN CHARACTERISTICS:

Essential characteristics	Performance	Harmonized technical specification
Declared thermal conductivity at 10°C, W/m*K	0.038	EN 12667
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
Density kg/m ³	180 (±20)	EN 1602
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	DS(70,-) <1	EN 1604
-under specified temperature (23°C) and humidity conditions (90% R.H.)	DS(23,90) <1	
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

EN
13162:2012
+ A1:2015

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