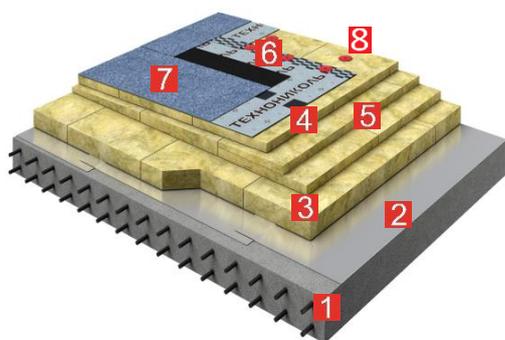




TECHNOROOF 50

MW-EN 13162-T4-DS(70,-)-DS(23,90)-CS(10)50-TR10-PL(5)600-WS-WL(P)- MU1 RtF: A1

TECHNOROOF 50 are nonflammable, waterproofing, heat- and sound insulating slabs made of basalt rock with a low-phenol binder



Application areas:

TECHNOROOF 50 slabs was intended for used in civil and industrial construction as the main or top layer in the design of the flat roof as a heat-insulation layer for new construction and reconstruction of various buildings and structures

Description of material:

TECHNOROOF 50 are nonflammable, waterproofing, heat- and sound insulating slabs made of basalt rock with a low-phenol binder

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, λ_D , W/m ² *K	0,039	EN 12667
Limit deviations Length, Width, mm	$\pm 2/\pm 1,5$ %	EN 823
Limit deviations of thickness, mm	T4	EN 823
Thickness, (with increments of 10 mm), mm	40-150	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)50	EN 826
Tensile strength perpendicular to faces, kPa	TR10	EN 1607
Point Load, N	PL(5)600	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 vapour transmission, MU	MU1	EN12086
Dangerous Substances:	Does not include dangerous substances	