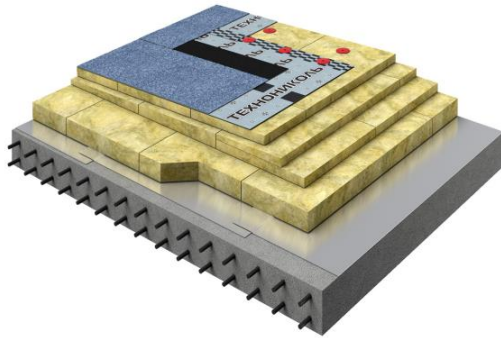




TECHNOROOF 45

MW-EN 13162-T5-DS(70,-)-DS(23,90)-CS(10)45-TR10-PL(5)450-WS-WL(P)- MU1

TECHNOROOF 45 are nonflammable, water-repellent thermal and sound insulation stonewool slabs.



Application areas:

TECHNOROOF 45 slabs are designed to be used in flat roofs in various types of buildings.

Description of material:

Stone wool insulation boards. Provides an excellent combination of significant compression strength and thermal, fire and acoustic performance. The product is moisture resistant due to a water repellent additive that provides additional protection during installation as well as long-term performance of insulation

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*K	0,038	EN 12667
Limit deviations Length, Width, mm	$\pm 2/\pm 1,5$ %	EN 822
Limit deviations of thickness, mm	T5	EN 1604
Thickness, (with increments of 10 mm), mm	40-150	EN 823
Deviation from squareness, mm/m	< 5	EN 826
Deviation from flatness, mm	< 6	EN 1607
Compressive stress at 10% deformation, kPa	CS(10)45	EN12430
Tensile strength perpendicular to faces, kPa	TR10	EN 1604
Point Load, N	PL(5)450	EN 13501-1
Dimensional stability, %: -at specified temperature -under specified temperature (23°C) and humidity conditions (90%R.H.)	DS(70,-) <1 DS(23,90) <1	EN 12087
Reaction to fire, euroclass	A1	EN 12086
Water Absorption during Short/ Longterm Immersion kg/m ²	WS <1 WL(P)<3	EN 1609 EN 12087
Water vapour transmission, MU	MU1	EN 12086
Dangerous Substances:	Does not include dangerous substances	