



TECHNOROOF TAPERED N40

Slope shaped slabs of stone wool



DESCRIPTION:

MW-EN 13162-T6- DS(70,-) DS(23,90)-CS(10)40-TR7,5-PL(5)350-WS-WL(P)-MU1 RfF:A1

TECHNOROOF N TAPERED is the nonflammable water-repellent thermal insulation slabs of mineral wool based on basalt rocks. A variation with the slope shape is available for the creation of the slope of 1.7 or 4.2% in order to drain water on the flat roof to funnels. These stone wool slabs are used on flat roofs in new constructions or reconstructions of industrial and civil buildings and structures.



Slope of 1.7%



Slope of 4.2%



PERFORMANCE AND KEY PROPERTIES:

Properties	TECHNOROOF TAPERED N40
Declared thermal conductivity at 10 °C, λ_D , W/m ² K	0,036
Limit deviations Length, Width, mm	±2/±1,5 %
Thickness, (with increments of 10 mm), mm	50-200
Limit deviations of thickness, mm	T6
Deviation from squareness, mm/m	< 5
Deviation from flatness, mm	< 6
Compressive stress at 10% deformation, kPa	CS(10)40
Tensile strength perpendicular to faces, kPa	TR7,5
Point Load, N	PL(5)350
Dimensional stability, %:	
-at specified temperature	DS(70,-) <1
-under specified temperature (23 °C) and humidity conditions (90%R.H.)	DS(23,90) <1
Reaction to fire, euroclass	A1
Water Absorption during Short/Longterm Immersion kg/m ²	WS <1 WL(P)<3
Water vapour transmission, MU	MU1
Dangerous substances:	Does not include dangerous substances

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.