THERMOWOOL ROOF N PROF 120 heat-insulating mineral wool boards

Production in compliance with the standard EN 13162.

MW-EN 13162-T5- DS (70-)-DS(23,90)- CS(10)30-TR7,5-PL(5)350 -WS-WL(P)-MU1- RtF: A1
MANUFACTURER: LLC «Plant «TECHNO» 18018 Ukraine, Cherkassy, Rizdvyana Street 300.
ORIGIN: Ukraine

Non-flammable stone wool slabs made of basaltic and gabbroic rocks

Product Description

THERMOWOOL ROOF N PROF 120 is non-flammable, hydrophobizated heat- and sound-insulating slabs made of mineral wool based on the basalt group rocks.

Scope of application:

THERMOWOOL ROOF N PROF 120 slabs are intended for use in civil and industrial construction as a heat-insulating layer, in new construction and reconstruction of buildings and structures for different purposes.
It is used as a base layer in multi-layer roof insulation

Storage:

Slabs should be stored packed and stacked on pallets divided by types and sizes. During the entire storage period, the material must be protected from atmospheric precipitation. The height of the stack of slabs should not exceed 3 m upon storage.

Packaging Details:

Polyethylene shrink wrap is used for packaging. The method of wrapping and fixing a packaging material must ensure the reliable and strong packaging of slabs, their protection during loading and unloading operations, transportation and storage

Technical Characteristics

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONIZED TECHNICAL SPECIFICATION
Declared thermal conductivity at 10 °C, λ_D, W/m*K	0,036	**EN 13162:2012 + A1:2015**
Density, kg/m³	120±10	
Limit deviations length/width, mm	±2/±1,5 %	
Limit deviations of thickness, mm	T5	
Thickness, (with increments of 10 mm), mm	50-140	
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** **- under specified temperature (23oC) and humidity conditions (90%R.H.)**	DS(70,-) less than 1 DS(23,90) less than 1	
Reaction to fire, euroclass	A1	
Water Absorption during Short/ Longterm Immersion kg/m²	WS less than 1 WL(P) less than 3	
Water vapour transmission, MU	MU1	
Dangerous substances	Does not include dangerous substances	