THERMOWOOL BLOCK PROF 65

heat-insulating mineral wool boards

Production in compliance with the standard EN 13162.

MW-EN 13162-T4-DS(70,-) - DS(23,90)-CS(10)5- 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 BLOCK PROF 65 is non-flammable, hydrophobizated heat- and sound-insulating boards made of mineral wool based on the basalt group rocks

Scope of application:

THERMOWOOL BLOCK PROF 65 boards are recommended for use in industrial and civil construction as thermal and sound insulations of various types of multilayer masonry, frame walls (including external ones) with different types of exterior finish (a siding). And also, it is used as the first (internal) heat-insulating layer in curtain wall systems with an air gap in the two-layer scheme

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	65±5	
Limit deviations length/width, mm	±2/±1,5 %	
Limit deviations of thickness, mm	T4	
Thickness, (with increments of 10 mm), mm	50-200	
Deviation from squareness, mm/m	< 5	
Deviation from flatness, mm	< 6	
Compressive stress at 10% deformation, kPa	CS(10) 5	
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	