

THERMOWOOL ACOUSTIC 40 heat-insulating mineral wool boards

Production in compliance with the standard EN 13162.

MW-EN 13162-T4-DS(70, -) - DS(23;90) - CS(10)0,5- WS-WL(P)-MU1-
AW (0,7)- RtF: A1

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Rizdvyana Street 300.

ORIGIN: Ukraine



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

Product Description

THERMOWOOL ACOUSTIC 40 is non-flammable, hydrophobized heat- and sound-insulating boards made of mineral wool based on the basalt group rocks. The special arrangement of the fibers provides high sound absorption properties.

Scope of application:

THERMOWOOL ACOUSTIC 40 boards are recommended for use as a sound absorber for the construction of framed partitions and claddings, for suspended ceilings, as well as for slabs in the unloaded scheme of insulating material laying.

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 ² K	0,037	EN 13162:2012 + A1:2015
Density, kg/m ³	40±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)0,5	
Dimensional stability, %:		
- at specified temperature	DS(70,-) less than 1	
- under specified temperature (23oC) and humidity conditions (90%R.H.)	DS(23,90) less than 1	
Reaction to fire, euroclass	A1	
Water Absorption during Short/Longterm Immersion kg/m ²	WS less than 1 WL(P) less than 3	
Water vapour transmission, MU	MU1	
Dangerous substances	Does not include dangerous substances	
Weighted sound absorption coefficient	AW (0,7)-40mm AW (1,0) -100-200 mm	