



## TECHNOSANDWICH WALL

MW-EN 13162-T5-DS(70,-)-DS(23,90)-CS(10)60\*-TR100-WS-WL(P)-MU1- R<sub>t</sub>F:A1

**TECHNOSANDWICH WALL - nonflammable, water-repellent thermal and sound insulation slabs of mineral wool based on basalt rocks.**



### Application areas:

TECHNOSANDWICH WALL slabs are designed to be used as a heat- and sound-insulation layer in three-layer wall sandwich panels with metal coverings.

### Description of material:

TECHNOSANDWICH WALL - nonflammable, water-repellent thermal and sound insulation slabs of mineral wool based on basalt rocks.

### 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 <sub>D</sub> , W/m*K	0,043	EN 12667
Length, mm	±2/±1,5 %	EN 823
Width, mm	T5	EN 823
Thickness, (with increments of 10 mm), mm	40-150	EN 823
Thickness, (with increments of 10 mm), mm	< 5	EN 823
Deviation from squareness, mm/m	< 6	EN 824
Deviation from flatness, mm	CS(10) 60*	EN 825
Compressive stress at 10% deformation, kPa	TR100*	EN 826
Dimensional stability, %: -at specified temperature -under specified temperature (23°C) and humidity conditions (90%R.H.)	DS(70,-) <1 DS(23,90) <1	EN 1604
Reaction to fire, euroclass	A1	EN 13501-1
Water Absorption during Short/ Longterm Immersion kg/m <sup>2</sup>	WS <1 WL(P)<3	EN 1609 EN 12087
Water vapour transmission, MU	MU1	EN 12086
Dangerous Substances:	Does not include dangerous substances	