



TECHNOSANDWICH ROOF

MW-EN 13162-T5-DS(70,-)-DS(23,90)-CS(10)100*-TR150-WS-WL(P)-MU1- R_tF:A1

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



Application areas:

TECHNOSANDWICH ROOF is designed for use as a heat and sound insulation layer in a three-layer wall sandwich panels with metal overlays for walls.

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_D , W/m ² *K | 0,044 | EN 12667 |
| Length, mm | $\pm 2/\pm 1,5$ % | 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) 100* | EN 825 |
| Compressive stress at 10% deformation, kPa | TR150* | 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 ² | WS <1 WL(P)<3 | EN 1609 EN 12087 |
| Water vapour transmission, MU | MU1 | EN 12086 |
| Dangerous Substances: | Does not include dangerous substances | |