

ISOVER FIREPROTECT® 150



ISOVER FireProtect® is very strong and rigid stone wool slab for the thermal and acoustic insulation of constructions where higher demands are made on the temperature resistance and mechanical loads of the insulation. The slab fulfils the requirements of SSG 7591 for a bottom layer of storage tank roof insulation

PRODUCT DESCRIPTION

ISOVER FireProtect® 150 slab is the main part of the Isover FireProtect® system which provides efficient fire protection of structural steelwork according to EN 13381-4:2013 and fire protection of corrugated metal sheets according to EN 1365-2:2015.

It is also used as a semi-product for additional processing. Exceptional thickness tolerance ± 1 mm at a production of the slab is ideal for a production of fire doors. Slabs are also used for fire-stopping solutions (Hilti, Intumex etc.) when pipes, cables, etc. penetrate fire separation walls.

USAGE

Used to protect steel structures from fire. Suitable for manufacturing fire-resistant doors. Used also for fire-stopping solutions (Hilti, Intumex etc.) when pipes, cables, etc. penetrate fire separation walls.

TECHNICAL PARAMETERS

Reaction To Fire acc. to EUROCLASS	A1
CE marking standard	MW-EN14303-T4-ST(+)-700-WS1
Max Service Temperature (°C)	700
Facing	No
Resistance to water vapour diffusion factor (MU)	1
Short term water absorption	< 1 kg/m ²

Thermal conductivity

°C	10	50	100	200	300	400	500	600	700
W/mK	0.036	0.041	0.047	0.060	0.077	0.098	0.123	0.154	0.192

INSTALLATION

The slabs must be cut to size and wrapped around the object to be insulated. We recommend using ISOVER Protect screws and ISOVER BSK adhesive for installation. All joints, penetrations, and connections must be hermetically sealed. If the object to be insulated is located outdoors, additional cladding made of metal or other protective material is required.

PACKAGE

The product is supplied as free slabs 1000 × 1200 mm stored on a wooden pallet, piled on top of each other.

STORAGE CONDITIONS

Slabs must be stored in covered places under such conditions to avoid moistening or other degradation.