

Omnex Thermo

Material description

The Omnex Thermo panel is a 25 mm thick insulating panel made from a combination of recycled glass and minerals. The panel is covered on one side with a fiberglass and on the other with a glass veil.

The plate increases the surface temperature of the walls, which on the one hand has an energy saving effect, and on the other hand considerably reduces the risks of condensation of water vapor, and therefore of mold formation. In case, despite the increase in the surface temperature, there is still condensed water, then this water will be distributed over the entire panel by capillary routes.

Application areas

- › Interior insulation
- › Mold prevention

Characteristics

- › Insulating
- › Antifungal
- › Energy Gain
- › Water and frost resistant
- › Sound absorption
- › Vapor permeable
- › Eco-friendly

Dimensions	25mm
› 1200 x 800mm	X

Material characteristics

TEST	STANDARD	RESULT
› Density		350 kg/m ³
› Thermal conductivity	DIN EN 12667/ISO 8301	at 10°C 0.09 W/mK
› Fire class	EN -13501-1	B-S2-D0
› Water vapour diffusion resistance factor μ	NBN EN 12572	10

Storage and delivery

Omnex panels are packaged horizontally and delivered on pallets. The pallets are protected. Plates should always be stored horizontally on a flat surface. Vertical storage can distort the plates or damage the edges and corners. The individual plates are always transported vertically.

Outdoor storage is possible, but due to the subsequent surface treatment, the plates must be covered with a protection.