

KARDO THERMOPIAN

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boxing in without cold rolled sections

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TECHNICAL DOCUMENTATION

Product Description:

KARDO Thermopian is an Angle Board with an XPS core, it is reinforced with glass fibre mesh and covered with a cement polymer.

Application:

KARDO Thermopian is designed for quick and easy boxing-in of pipe work such as: sewage systems, sprinkler systems, hydrants, air conditioning and ventilating pipe systems. It can also be used for interior styling.

Product Features:

KARDO Thermopian can be installed outdoors and in damp rooms, it is exceptionally durable, easy to cut and has insulation properties. It can be fixed to battens and plastered, painted or tiled to blend with the surroundings.

Preparing the base:

The building base must be load-bearing, stable, levelled, dust and grease free. Old layers of oil, paint, chalk and peeling plaster must be removed.

Installation:

Cut off the desired length of the angle board with a saw or knife. Place suitable layer of the installation adhesive or polyurethane foam on the whole edge of the Angle Board. Apply the Angle Board to a corner, and press firmly to the base. Leave it until it is dry. In the joins of the Angle Board and a wall stick some glass mesh tape with plaster. The board can be easily cut in straight lines and around uneven structures with installer's knife. You can join more Angle Boards using adhesive or glue.

Note:

If **KARDO Thermopian** is going to be covered with tiles or fixed horizontally, it must be fixed to the load-bearing wall or ceiling on both sides with cold rolled sections, or with angle steel sections at 50 cm distance.

Approvals:

Declaration of Performance for Insulation Boards XPS.
Polish Law about building materials of 16 of April 2004
Dz.U. Nr 92 poz 881, art.10

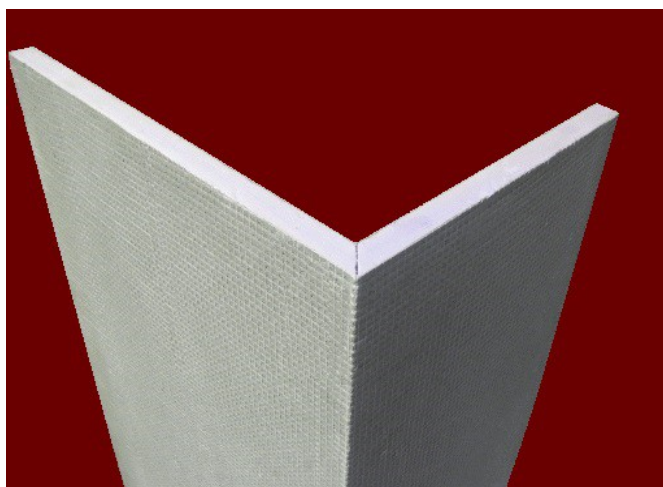
Dimensions:

Width x Depth x Height:..200 x 400 x 2600 mm (+/-10 mm)
300 x 300 x 2600 mm (+/-10 mm)
Thickness:.....22 mm (+/-2 mm)

Our system allows us to create the Angle Board with other dimensions (only on order).

Technical data:

Weight:.....4.55 kg/pcs (+/- 10%)
Thermal conductivity:.....< 0,034 W/mK
Water absorption(24h):.....< 0,1%
Density:.....> 34 kg/m³
Compressive strength at 10% deflection:.....> 300 kPa
Tensile strength:.....> 600 kPa
Reaction to fire:.....Euro class E
Working temperature:.....-50°C to +75°C
Coefficient of linear thermal expansion:.....0,07 mm (mK)



KARDO Thermopian
2600 x 200 x 400

DISTRIBUTOR:

