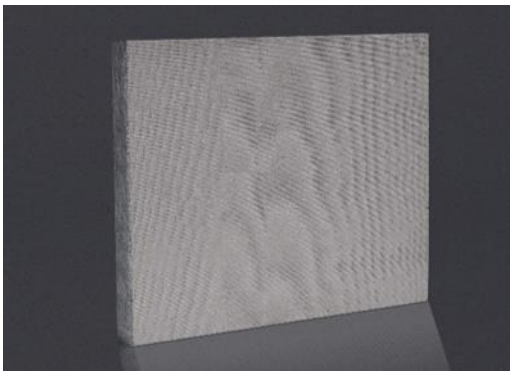
Technical Data Sheet

CorePAN



Description:

- Non-combustible high-performance insulation panel - **Fire protection class A1**
- Extremely easy to process on-site (can be cut, drilled, and milled)
- Vapor-permeable
- Optionally wrapped in dust protective non-woven

Advantages:

- **Very good thermal insulation** due to low thermal conductivity
- **Space-saving** due to thin design
- **Environmentally friendly and safe for health:**
  - Ecological and sustainable product through 100% recyclability
  - Contains no toxic or hazardous substances
  - Contains no fiberglass
- **Customizable:** available in various sizes and shapes for individual requirements
- **Durability**
- **Temperature resistance to very high temperatures**

Applications:

- **Insulation of fire protection and elevator doors**
- **Insulation of chimneys, stoves, and cooktops**
- **Insulation in fire-resistant sandwich panels**

Dimensions and Tolerances:

Length* / Width* [mm]	***Tolerances***		***Thickness* [mm]***	**Tolerance Thickness* [mm]**
	Length* [mm]	***Width* [mm]***		
150 - 500	+1 / -1	+1 / -1	10 - 60	+2 / -1
500 - 1000	+2 / -2	+2 / -2	10 - 60	+2 / -1
1000 - 1200	+3 / -3	+3 / -3	10 - 60	+2 / -1

**deviating dimensions available on request*

Performance Characteristics:

Density	Thickness ≤ 10 mm: 200 to max. 250 kg/m³ according to DIN EN 1602 Thickness > 10 mm: 180 to max. 220 kg/m³ according to DIN EN 1602
Weight	ca. 3,8 kg/m² at 20 mm thickness
Compressive Strength **(Compressive stress at 10% strain)**	≥ 95 kPa according to DIN EN 826
Thermal Conductivity λ_{10}-Value	≤ 0,020 W/(m*K) (measured value according to DIN EN 12667)
Temperature Resistance	> 1000°C
Fire Resistance	Non-combustible (Fireclass A1 according to DIN 4102-1)
Delivery Form	Packaged in cartons on pallets
Safety Notice	According to the manufacturer, the core is not a hazardous substance according to Regulation (EC) 1272/2008.

Application Restrictions:

Avoid contact with moisture.

When used in sandwich panels, the material must be applied airtight.

Please observe our processing instructions, which are included with the product upon delivery.

Contact Information

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