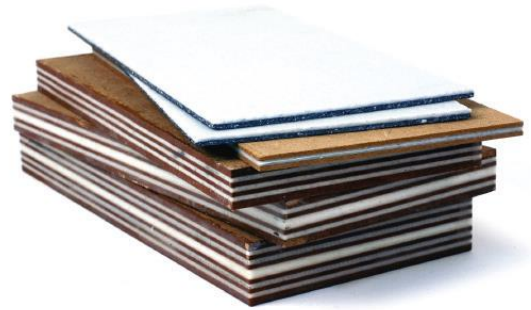


Palusol[®] SW

Product Description

Palusol[®] SW is a sandwich product made from Palusol[®] fire protection panels and high-density fibre panels (HDF). The water bound in the material evaporates in case of fire, ensuring a cooling effect.



Application Areas

- Fire protection on doors from wood, steel or aluminium
- As door core of edge seal
- Fire protection walls
- Ship building

Technical Data

Composition	Foaming sandwich element from water-containing sodium silicate and HDF fibre panels
Material Structure	Firm panel material
Surface texture	Smooth on both sides
Raw density (kg/m ³)	1580 (± 10% at 1.9mm)
Start of expansion °C	From ca 100
Foaming rate	Palusol [®] 100: 5 – 8.5 times (550°C; 10 min; with load)
Direction	2 dimensional
Forming inflatable body	Hard, ceramic material
Foaming pressure (N/mm ²)	At least 0.85

Availability

- Dimensions 2150mm x 1100mm
- Thickness 7.0 to 7.7mm
- Special formats available on request

Processing and Storage

Ensure that dust is minimised, store in a dry place between 20 °C and + 40 °C
Do not expose to outdoor weather conditions or high and long-term air humidity
If you want to use this product outdoors please contact our application technology service