

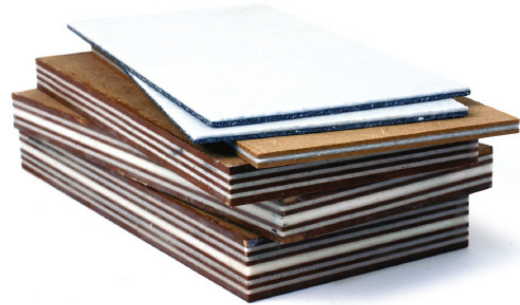
Palusol® SW

Material of building material classification B2 (normal flammability) according to DIN 4102-1

General building approval Z-19.11-14

Product Description

Palusol® SW is a sandwich product 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 doors from wood, steel or aluminium
- As door core or 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 1,9 mm]
Start of reaction [°C]:	From ca. 100
Foaming rate [x-times]:	Palusol® 100: 5 to 8,5 times (550 °C; 10 min; with load)
Direction of action:	Two dimensional
Forming inflatable body:	Hard, ceramic material
Foaming pressure [N/mm ²]:	At least 0,85

Supplied Forms

Dimensions:	2150 mm x 1100 mm
Thicknesses:	7,0 mm to 7,7 mm

*Special formats, cuts or formed parts are available upon request are produced according to DIN 7715-5.
Please observe our information for processing and the safety data sheet!*

Processing and Storage

Processing:	Ensure that dust is minimized.
Storage:	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.*

Note

The information in this brochure is based on our knowledge and experience to date. This information does not release the user from carrying out independent tests and trials due to the various influences when processing and applying our product. It is not possible to derive a guarantee of certain properties or suitability of the product in a concrete application case based on our information. All the descriptions, drawings, photographs, data, conditions, weights etc. included may change without previous announcement; they do not constitute the contractually agreed property of the product. The recipient of our product is responsible to observe any trade mark rights and existing laws and regulations. Adhesive bonds are to be applied according to DIN 2304.