

Palstop® P



Intumescent fire protection board

Material description

It is a silica board that is reinforced with fibreglass mats and coated with an aluminium composite film on both sides.

Approval

The fire protection board is approved in Germany and is monitored by third parties there (approval number: Z-19.11-614). Additionally it can be used for the ship building and therefore it has a certification (certification number of the polish ship register: TT/1173/710296/99).

Application

The fire protection board is intended for indoor use and can be used everywhere, where a safe sealing of joints and gaps must be ensured in case of fire. It is suitable as coating for cable boxes, inspection flaps, ventilation shafts and conductor bushing. It can be used as surface area covering cladding for components and therefore insulates and protects the component in case of fire. For example it is suitable as an insert in fire protection doors (EI30, EI60 and EI90), walls, floors and ceilings.

Coating

The fire protection board is coated with an aluminium composite film on both sides.

Machining

The fire protection board can be machined with normal tools for wood and sheet metal. Resulting cutting edges must be protected subsequently from the effects of humidity and carbon dioxide with a 2-component-epoxy resin coating or 2-component-polyester lacquer.

Technical data

name	Palstop P – Intumescent fire protection board
thickness (mm)	2,0 ± 0,2 mm
Surface weight (at thickness 2,2 mm)	2,8 kg/m ²
max. width	1000 mm ± 1 mm
max. length	2500 mm ± 2 mm
heat conductivity	0,8 W/Km ²
heat conductivity (foamed board)	0,06 W/Km ²
inflation pressure	0,90 – 1,80 N/mm ²
foam factor	4,0 – 7,0
coating	aluminium composite film on both sides

