

Palstop® P Ax H

Fire protection board



Material description

Single- or multilayered, mineral fire protection board reinforced with fibreglass mats

Approval

The fire protection board is approved in Germany and is monitored by third parties there (test certificate number: P-BRA09 - 5427913). Additionally, the test report from *Ift Rosenheim* states that Palstop P ax H has good dew, frost and moisture resistance (test report number: 12-001444-PR03).

Application

Referring to critical board dimensions Palstop P Ax H can be offered with low thicknesses without the risk of breaking thanks to its high bending strength. Manufactured as board it can be used in partition walls, doors, panels and locking devices. Manufactured as strip it can be inserted in steel- or aluminium profile systems. Because of its very good adhesive properties it can be stuck to different materials and therefore it is suitable for sandwich solutions in combinations with other materials (e. g. mineral wool). Thanks to its very good moisture, dew and frost resistance it can be used for rooms with high humidity and facades.

Thickness

There are two versions of Palstop P Ax H. The multilayered board can have a thickness up to 60 mm. The single layered board has a thickness of 15 mm. The single layered board performs not as good as the multilayered version referring to its fire protection (retardant) features, but therefore it is cheaper.

Coating

The board is not coated. At customer's option it can be coated with a plastic film or compound aluminium foil.

Machining

The board can be machined with normal tools for wood. It can be milled, sawed and drilled.

Technical data

The board or strip is manufactured according to the measurements provided by the customer.

Name	Palstop P Ax H – fire protection board
building material class	A1, non-flammable
moisture resistance	Very good moisture resistance
Alkalinity (pH-value)	10



Thickness (mm)	1,5-2,5	2,5-30	30-60
Thickness tolerance (mm)	± 0,2	± 0,5	± 0,8
Layer thickness (mm)	2 - 20		
Max. width (mm)	1200 ± 1		
Max. length (mm)	3000 ± 2		
Gross density (kg/m ³)	1700		
Bending strength (N/mm ²)	12,21		
Coating	At customer's option coated with a plastic film or compound aluminium foil		

