



PROTEGA WOOD-C

Transparent fire rated coating for untreated wood materials

PRODUCT DESCRIPTION

Protega Wood-C is a transparent, halogen free, waterborne fire protection coating.

It can be used to achieve fire class B-s1,d0 on interior light coloured wood surfaces. Can be tinted to achieve desired colours.

PROPERTIES

Protega Wood-C is an intumescent paint that foams into a layer when exposed to flames or intense heat radiation from a fire. The layer of foam effectively extinguishes the heat flow of heat to the treated surface.

Protega Wood-C should be sealed with approved topcoat, Protega Topcoat C, in humid conditions (RH >75%) or when a wipeable surface is desired. Protega Wood-C coated with Protega Topcoat C is approved to achieve fire class B-s1,d0.

Apply max. 100 g/m² of Protega Topcoat C. Read more about application on the PDS for Protega Topcoat C.

FIELD OF APPLICATION

Used indoor on wood-based light substrates such as birch, pine and spruce with a thickness of at least 8 mm and density $\geq 338 \text{ kg/m}^3$, for B-s1,d0.

These surfaces must always be coated with 250 g/m² of Protega Wood-C.

If you need help with quantity calculations, contact our technical support.

APPLICATION

Ensure that the old coating adheres well and that the surface is free from dust and grease. Work should be avoided at lower ambient temperatures than +10°C. The moisture content of the substrate must not exceed 15%. Apply by roller, brush, air or airless sprayer. Stir well before use. Tools are cleaned in water. Recommended nozzle is 0.011-0.017 (inch) and a pressure of 120-160 bar.

PROTECTIVE MEASURES

Avoid inhalation of spray mist and prolonged skin contact. When spraying, use half or full mask with dust filter II b (St). See product's safety data sheet.

DRYING TIME

At a temperature of min. +23°C and a relative humidity of max. 50%, the following guidelines apply:

Approx. 1 h for each layer.

Can be covered with Protega Topcoat C, after approx. 4 h.

ADDITIONAL DATA

Viscosity:	Viscous
Flash point:	Non-combustible
Density:	1,2
Solids content:	57%
Storage:	12 months for unopened packing.
Packaging:	10 kg, 44 buckets/pallet, art. no 1135-00
	22,5 kg, 24 buckets/pallet, art. no 1135-25

ATTENTION! Must not be exposed to frost!

Protega Wood-C, B-s1,d0

Quantity g/m ²	Wet film μm	Dry film μm
250	200	100

We recommend overpainting with Protega Topcoat C.

Use of Protega Topcoat C, B-s1,d0

Quantity g/m ²	Wet film μm	Dry film μm
max 100	max 100	max 25

APPROVALS

Type approval for surface B-s1,d0, according to EN 13501-1. RISE C900740.



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