



PROTEGA WOOD-S

White or whitewash, halogen free, waterborne intumescent paint, used to prevent spread of fire in internal wall and ceiling linings made of solid wood or chip-board with a minimum thickness of 8 mm for B-s1,d0 and for surfaces in Euro-classes A1 or A2-s1,d0 with a minimum thickness of 6 mm, density $\geq 338 \text{ kg/m}^3$. PROTEGA WOOD-S is offered in matt white or whitewash and can be tinted to desired pastel tone.

Packaging: Plastic bucket 12,5 kg. 44 buckets/pallet.

FIELD OF APPLICATION

PROTEGA WOOD-S is an intumescent paint that foams into a thick layer when exposed to high temperatures derived from flames or intensive heat radiation from fire. The porous layer of foam effectively extinguishes the flow of heat to the treated surface. PROTEGA WOOD-S should be sealed with approved topcoat, when used in areas with constant air humidity higher than 75% or when a washable surface is required.

APPLICATION

The surface that is to be painted with PROTEGA WOOD-S must be untreated and free from dust and grease. Certain kinds of fatty wood, e.g. teak, should undergo a test coating of a small area to determine the adhesion. Application should be avoided at temperatures below +10°C. The paint should be kept at room temperature to aid easy application. The moisture in the wood must be carefully examined and it must not exceed 15% for undressed wood. Roller, brush or airless spraying can be used for application. Tools can be cleaned in water.

DRYING TIME

At a temperature of min. +23°C and an air humidity of max. 50%, following is applicable:

- 4 hours for each layer of coating.
- Dry to be sealed with approved topcoat after 12h.

PROTECTIVE MEASURES

Avoid contact with skin and eyes. Keep out of reach of children. At prolonged or repeated contact, protective gloves should be worn. At risk for splashes, use protective glasses.

EMISSION DATA

Type of Emission	Result 28 days
TVOC	<10 µg/m ²
Carcinogenics	<1 µg/m ²
VOC with LCI	<8 µg/m ²
VOC without LCI	<2 µg/m ²
WOC	<4 µg/m ²
SVOC	<2 µg/m ²

Emission data according to SS-EN ISO 16000-10:2006
Indoor air - Part 10 in combination with sampling method ISO 16000-3:2011.

ADDITIONAL DATA

Viscosity:	High viscosity
Flash point:	Non-combustible
Specific gravity:	1,3
Non.vol.contnt:	70%
Thinner:	Water
Storage:	12 months for unopened packing.

MUST BE PROTECTED AGAINST FROST

SURFACE B-s1,d0

	Wet paint qty g/m ²	Wet film µm	Dry film µm
Treatment			
Wood-S	300	230	160
Wood-S with use of Topcoat W	400	305	215

You need 100g more of the intumescent paint Protega Wood-S when used with Topcoat W.

Approved for fire classes: Bs-1,d0 and A1 or A2-s1,d0

APPROVALS

ETA -18/0223 and RISE, certificate no. SC0507-14 for surface B-s1, d0.
Registered in LBC, Red List Free.

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Safety data sheet

