TECHNICAL DATA SHEET

5.2 WATER-BASED VARNISH

▶ Xanol Fireproof varnish (Satin)

Wood protector varnish

1918 / Version 8 / 05-03-2025

DESCRIPTION

Transparent water-based varnish for protecting wood against fire. Respond all the requirements established in the "GREEN BUILDING", offering the highest possible score for BREEAM and / or LEED certifications

PROPERTIES

- Makes wooden surfaces fire-retardant with high fire reaction performance (BS1d0 UNE EN 135011)
- High physical resistance.
- High abrasion resistance.
- Resistance to household cleaning products.
- High transparency.
- Good adhesion and levelling.
- Odourless.

USES

Varnish for the interiors of boards and wood for dressing walls and ceilings.

TECHNICAL DATA

Finish	Glossy.
Appearance	Transparent
Thinner	Water.
Viscosity (Copa Ford No. 4). Seconds.	30 - 60
Density at 20ºC (Kg/L)	1.1 ± 0.05
Yield	0,200 kg/m2 complete fireproof process
Touch dry	30 min
Second coat	2 - 3 h
% maximum dilution	0 - 5
Maximum hardness (days)	7
Cleaning of utensils and stains	With water before drying.
Volatile Organic Compounds (COV).	Maximum product content 16,6 g/l

HOW TO APPLY

- Stir the product until totally smooth.
- The surfaces to be painted must be clean, dry and free of dust, grease, saltpetre, etc.
- If the surface is already painted, ensure the previous paint is in good condition and well-adhered.
- Before application, it is advisable to sand the wood in order to ensure better adherence and open the pores of the wood. Sand following the grain of the wood.

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SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not apply at temperatures below 10°C

RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 80%.

SURFACE HUMIDITY:

The wood must be dry, with less than 18 – 20% humidity.

AMBIENT CONDITIONS:

It is not recommended to paint in rainy weather or at times of peak heat.

SURFACE PREPARATION

UNPAINTED SURFACES:

Wood:

- New wood: Removal of product residues and foreign substances. Must be properly sanded and then all dirt is removed. It is advisable to apply 1-2 coats of wood filler to regulate surface absorption.If subsequent protection is required it is advisable to apply a coat of PROTECTIVE BASE COAT before applying the wood filler.Finish with a XANOL product as necessary depending and the desired finish and final use.

PRE-PAINTED SURFACES IN GOOD CONDITION:

Wood:

- Previously varnished wood: if the varnish is in good condition, sand lightly and remove residue. Apply one coat of finish. If the varnish is in poor condition, remove with a stripper and paint as if it were new wood.
- Wood painted with synthetic enamel: Remove by stripping and then paint as if it were a new surface.

POSSIBLE APPLICATION SYSTEMS

Xanol fire-retardant matt can be applied using a brush, short-nap roller, or spray gun. Yield may vary depending on the type of wood.

PRIMERS:

- Xanol Impregnating primer: open pore surface with tannin blocking action.Yield: 10 - 15 m2/L. Coats: 1
- Xanol Wood filler: smoothing of absorption of surfaces and increase in yield of finish.Yield: 1 - 12 m2/L. Coats: 1
- Xanol Anti-Woodworm Primer: preservative primer for wood. Protective action against fungi, insects and termites. Yield: 5 m2/L. Coats: 1.

FINISH XANOL IGNÍFUGO (SATINADO):

- Yield: 0,200 kg/m2
- Coats: 2

SAFETY

Consult the current safety data sheet for safe handling (Section 8.2). Unsuitable for children. Keep out of the reach of children. Do not place painted surfaces into the mouth.

REMOVAL

Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling, in line with the local and national legislation in force. Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling. Do not pour down drains or into the environment. Dispose of the product at an authorised waste disposal site or through an authorised waste management company. Waste must be handled, stored and disposed of pursuant to current local- national legislation.

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STORAGE

See storage conditions indicated in section 7.2 of the current safety data sheet. Store the containers away from high temperatures, direct exposure to the sun and frost. Maximum recommended storage time: 12 months from manufacture in fully sealed original container, indoors and at temperatures between 5º and 35º C.

LEGAL TEXT NOTE

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