

Sigmalife VS-X Satin



Description	alkyd based thixotropic wood stain for exterior use, impregnating, transparent		
Use	First layer of transparent stain systems on outdoor wooden structures, such as joinery, balcony and garden fences and paneling. Can also be used as an impregnation layer for weathered and grayed wood (see section systems).		
Main features	<ul style="list-style-type: none"> • Highlights wood grains. • Moisture regulating. • Lightfast wood colors. • Good protection of the wood surface against UV radiation • Can be recoated with paints and varnishes both based on alkyd resin and water-based acrylic. 		
Colors and gloss	<p>Various wood colors and various decorative colors according to the Sigmalife color card.</p> <p>The colorless stain (0701) has a lower weather resistance than colored transparent stain, and therefore it is not recommended for exterior use.</p> <p>Satin gloss.</p>		
Packsize	1 liter and 2,5 liters can		
Main properties	Density	:	approx. 0,9 kg/dm ³
	Solid content	:	approx. 50,5 vol.%
	Recommended dry layer thickness:		20 µm (= approx. 40 µm wet) per layer
	Flash point	:	42°C
	Drying times measured at 23°C and relative humidity 50%		
	Dust dry after	:	approx. 3 hours
	Touch dry after	:	approx. 4 hours
	Recoat after	:	approx. 16 hours
Shelf life	At least 2 years when stored dry in closed original packaging at a temperature between 5° C and 30° C.		
Coverage	<p>Theoretical coverage At a dry layer thickness of 20 µm: 25 m²/liter</p> <p>Practical coverage The practical coverage depends on a number of factors, such as shape of the object, condition and profile of the surface, application method, experience and weather conditions.</p>		
Application conditions	<p>For the necessary film formation (through-drying), the following conditions must be met during application and drying:</p> <ul style="list-style-type: none"> - Temperature of the substrate and ambient temperature should be above 5°C. - Relative humidity maximum 85%. - Apply on dry wood with a lower average humidity than 16±2%. 		

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Systems

Transparent system on bare wood

- Remove damaged wood down to the healthy wood by mechanical sanding.
- Impregnate with Sigmalife VS-X Satin
- Finish with three layers of Sigmalife DS TX Satin or Sigmalife DS TX Gloss.

Covering system on bare, weathered wood

- Remove damaged wood down to the healthy wood by mechanical sanding. Impregnate relevant parts with Sigmalife VS-X Satin.
- Prime and finish with Sigma wood paints based on alkyd binders or water based acrylic dispersions.

Instructions for use

Brush

Recommended brush : ProGold flat brush 7050 Exclusive

Thinning : No need, ready for use.

At low temperatures, it is sometimes necessary to dilute it with a maximum of 2% Sigma thinner 20-02 or ProGold aromatic free paint thinner.

Note : By stirring, the thixotropy of the stain will be lost and with it the application properties will change. The original thixotropy is reached again approximately one and a half hours after stirring.

Cleaning the tools

With Sigma thinner 20-02 or Sigma thinner 20-05.

Safety instructions

See product safety data sheet (SDS) of Sigmalife VS-X Satin.

References

Documents

	number
Explanation of the characteristics sheets	1411
General provisions for paintwork	1300

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