

PRESILVA WOODSTAIN

Presilva Woodstain is a water-based, semi-filming wood protection product based on modified acrylic resin. Specially developed for indoor and outdoor application on non-dimensionally stable joinery such as façade cladding, timber structures and rebates. Presilva Woodstain can be applied by brush or roller as well as industrially. The wood structure is beautifully accentuated with transparent colors. With semi-opaque colors, the background color is less visible. The product penetrates deep into the wood and gives a beautiful, semi-filming coloration to the wood. The thin film layer makes it easier to wash off the surface and makes it harder for dirt to adhere. Presilva Woodstain is water-repellent, weatherproof, non-staining and is a primer, pre-coat and topcoat.

TECHNICAL DATA

Classification, certifications, and approvals	KOMO certificate: For further information, go to www.presilva.com .
Colors	Available in all transparent and semi-opaque colors.
Gloss	Satin gloss and matt.
Packing unit	Available in 1, 3, 10, 20, 600 and 1000 liter packs.
Theoretical efficiency	Ca. 10 m ² /l. at 100 g/m ² wet coating thickness.
Specific mass	1.03 – 1.15 kg/l. Depending on the color.
VOC value	EU VOC limit value (Cat. A/f): 130 g/l. This product contains: 14,5 g/l VOC.
Solid matter content	Ca. 30% by volume. Depending on the color.
Storage	Can be kept for at least 6 months if opened, 12 months if unopened. Store in original and closed packaging and do not store below 5 °C.

PROCESSING

Application method	Spraying, vacuum coating, dipping, brushing and rolling.
Processing conditions	Presilva Woodstain should be applied at a minimum temperature of 5°C and a maximum relative humidity of 85%, whereby the substrate and outside temperature must be at least 3°C warmer than the dew point temperature (see the product page at www.presilva.com for a calculation tool). Stir before use and check the color. Do not apply in direct sunlight.



The general sales conditions of Presilva Coatings B.V. filed with the trade register in the Netherlands under number 87122928, apply to all our deliveries, services and related actions and agreements. The general terms and conditions can be found at www.presilva.com.

The new
expertise

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Recommended coating thickness:

	Planed timber	Fine-sawn timber
1 st coat	120 – 130 g/m ²	140 – 150 g/m ²
2 nd coat	100 – 110 g/m ²	110 – 120 g/m ²
3 rd coat	40 – 50 g/m ²	50 – 60 g/m ²

Maintenance painting over existing layer of Presilva Woodstain:

In case of maintenance painting, a minimum of 80 g/m² should be applied.

New painting:

The wooden surface should be clean, dry, grease-free, sanded (down to the sound wood) and free of dust and other impurities. The wood moisture content should be between 10% and 14%.

Maintenance painting over existing coat of Presilva Woodstain:

The wooden surface must be clean, dry, grease-free, lightly sanded (P400 grit, following the direction of the wood fibres) and free of dust and other impurities.

Pre-processing

Dilution

Product is supplied ready to use, dilute up to 2% water in exceptional cases.

Drying time

At drying conditions 15°C and max 60% R.H.:

- Dust-dry after approx. 30 min.
- Tack-free after approx. 1.5 hours
- Repaintable after approx. 3 hours
- Allow at least 38 hours for full drying.

Drying times are an approximation and may vary depending on wood quality, wet coating thickness, humidity, temperature and ventilation.

Cleaning

Clean tools immediately after use with clean water.

Maintenance period

Seasonal changes and local climatic conditions affect the maintenance period. Interim (annual) cleaning of the surface is necessary.

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OTHER INFORMATION

For further information, go to www.presilva.com.