

PRESILVA OMNIA

Presilva Omnia is a durable water-based quick-drying primer, pre-coat and topcoat for almost all substrates, such as (corrosion-resistant pre-treated with Presilva primer FeOx) sheet piling, stony substrates, sheet material, etc. The product is suitable for indoor and outdoor application for new construction and maintenance painting. Presilva Omnia is based on a unique combination of different waterborne binders (hybrid) and has excellent coverage, high coating thickness range, excellent flow, long opening time and very high penetration levels into the wood and adhesion on (pre-treated) wood and other substrates, such as sheet piling and sheet material. Presilva Omnia has an excellent filling capacity and is characterized by high elasticity, durability and excellent gloss retention.

TECHNICAL DATA

Colors	Available in virtually all opaque colors as standard.
Gloss	Matt and silky gloss.
Packing unit	Available in 10, 20, 600 and 1000 liter packs.
Theoretical efficiency	Ca. 4 m ² /l. at 100 µm dry coating thickness.
Specific mass	1.05 – 1.20 kg/l. Depending on the color.
VOC value	EU VOC limit value (cat. A/d): 130 g/l. This product contains: <10g/l VOC.
Solid matter content	Ca. 40% 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 (Airless/Airmix)
Processing conditions	Presilva Omnia 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.
Pre-processing	Wood The surface must be intact, clean, dry, sanded, and free of grease. Lightly sand new wood in the direction of the grain. Remove loose old paint layers down to the healthy wood. Joints must be sealed and glazing sealant must be water-repellent and adhere well to the surface. First prime bleeding wood types and knots with Presilva Easysealer. Metal substrates must be rust-free and



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The new
expertise

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pretreated with a corrosion inhibitor. Fill with acrylic filler (indoors) and 2K epoxy (outdoors). The wood moisture content must be between 10% and 17%. Wooden ends must be sealed with Presilva Oraseal. Lightly sand these layers before applying Presilva Omnia.

Metal

The surface must be intact, clean, dry, free of grease, and treated with a corrosion inhibitor. Loose old paint layers must be removed by high-pressure cleaning or scraping. Corrosion must be completely removed and the surface must be sanded until the bare metal is visible, after which it must be treated with Presilva FeOx before applying Presilva Omnia. Untreated bare metal that has not undergone anti-corrosion treatment must be pre-treated with Presilva FeOx.

Translated with DeepL.com (free version)

Dilution

The product is supplied ready to use, only dilute with up to 2% water in exceptional cases.

Drying time

At drying conditions of 20°C and 60% RH and a dry coating thickness of 100 µm.:

- Dust-dry after approx. 30 min.
- Tack-free after approx. 1.5 hours
- Repaintable after approx. 4 hours

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. If application has been carried out correctly and according to conditions, reapplication of Presilva Omnia after 10–16 years is recommended. Interim (annual) cleaning of the surface is necessary.

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OTHER INFORMATION

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