

Technical Data Sheet



Zowo-tec® 480

Colored Opaque Lacquer

Product Description

Product Type

Water-based, early block resistant, highly weather resistant, colored opaque intermediate and final coating emphasizing the natural wood surface.

Area of Application

Dimensionally stable timber elements (e.g. windows, doors), in- and outdoors

Technical Data

Base of Binder

Low molecular, self-curing multiphase polymer on basis of an acrylate

Pigments

Titanium dioxide and strong weatherproof and lightfast inorganic and organic colored pigments

Color

RAL colors and special colors based on Zowo-tec® 480 Basis A and C. Integrated into ZOBEL Color Mixing System

Gloss Level

Silk gloss or matt

Density

Ca. 1,2 g/ml (depending on color)

Viscosity

Thixotropic setting

Processing Instructions

Application Method

Spraying

| Spraying process | Nozzle [mm] | Pressure [bar] | Atomiser [bar] |
|---------------------------|----------------|-------------------|-------------------|
| Airless / Airmix | 0,21 – 0,33 | 50 – 100 | 0 – 3,5 |
| Low Pressure Air Spraying | 1,8 – 2,7 | 2,5 – 3,5 | ./. |

Can be sprayed up to a wet-film thickness of 300 µm*; recommended wet-film thickness ca. 150 µm. Please observe ZOBEL steps of coating!

*Depending on color and processing conditions, the maximum wet-film thickness may be less in individual cases.

Perform a test coating. Check color before use. Subsequent claims can not be considered. Wood ingredients can cause discoloration.

Ready to use. If necessary, can be thinned with water

- Substrate must be dry and free of dust and grease
- Moisture content of the wood 13 ± 1%
- Ca. 20 °C for substrate, material und environment, ca. 50% relative air humidity
- Do not process below 15 °C or more than 30 °C
- Stir material before use; avoid inclusion of air

Processing Viscosity

Processing Conditions

Product Consumption

Ca. 150 ml/m² at a wet-film thickness of 150 µm (without overspray)

Drying Time

Can be worked over after approx. 4 hours (at a wet-film thickness of 150 µm).

(20 °C / 50% relative air humidity)

Drying time depends on applied quantity and ambient conditions. Low temperature and high humidity retard drying. Always ensure adequate temperature and air exchange.

Cleaning of the tools

Immediately after use with water or Zowo-Clean Hydro Cleaner

Additional Information

VOC-Labeling

EU-limit for the product (Cat. A/d): 150 g/l (2007) / 130 g/l (2010)
This product contains maximum < 130 g/l VOC

Minimum Shelf-Life

12 months cool but free of frost in the closed original packaging

Safety Instructions

Always read label and product information before use. Please observe the usual precautions during processing and storage. For safety-relevant data and instructions on disposal refer to the Material Safety Data Sheet.