

## Technical Data Sheet



# Zowo-tec<sup>®</sup> 420

## Thick-Layered Glaze

### Product Description

Product Type

Water-based, early block resistant, highly weather resistant, glazing intermediate and final coating with excellent transparency and brilliancy, emphasizing the natural wood grain.

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

Strong weatherproof and lightfast inorganic and organic colored pigments

Color

Color-Line Nature and special colors based on Zowo-tec<sup>®</sup> 420 Basis EL. Integrated into ZOBEL Color Mixing System.

Color of coating structure results through the interaction with the color of the primer. Color can be influenced by timber-species, -quality, -humidity and processing conditions.

Gloss Level

Silk gloss, matt or half gloss

Density

Ca. 1,04 g/ml (depending on color)

Viscosity

Thixotropic setting

### Processing Instructions

Application Method

Spraying

Spraying process	Nozzle [mm]	Pressure [bar]	Atomiser [bar]
Airless / Airmix	0,23 – 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\*. 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

Ca. 150 ml/m<sup>2</sup> at a wet-film thickness of 150 µm (without overspray)

Processing Conditions

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

Product Consumption

Drying Time

(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/e): 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.