

Technical Data Sheet



[Z] Deco-tec® 5420

Weather Protection Glaze, early block resistant

Product Description

Product Type

Water-based, highly weather resistant*, coat-forming thin-layered glaze for application with brush. [Z] Deco-tec® 5420 is used as primer and top coat (2 - 3 x brushing). The drip-reduced, slightly gel-like setting offers optimal processing.

*Up to 7 years long life protection, dependant on the pigments, durability and construction, and correct processing. Lifespan is reduced; especially if coated elements are subjected to extreme weathering and high humidity over a long period of time. The surface coating is to be checked on an annual basis, and if necessary repaired according to maintenance recommendations.

Area of Application

For non-dimensionally stable timber elements without ground contact indoors and outdoors, such as balcony boards, carports, roof soffits, block and garden houses, facades, window shutters, fences.

Not recommended for use on terrace floors/decking.

Timbers with high levels of resin and water soluble ingredients, as well as knots can cause discoloration of the coating. Knots can cause reduction in adhesion.

Furthermore, levels of resin and water soluble ingredients in the substrate can reduce the absorption/covering of waterborne coatings on the substrate. Resinous pores are not to be classified as a coating defect.

Technical Data

Base of Binder

Acrylate

Pigments

Strong weatherproof and lightfast inorganic and organic colored pigments

Color

Color-Line Nature and special colors based on [Z] Deco-tec® 5420 Basis DEL. Integrated into ZOBEL Color Mixing System.

Color can be influenced by timber-species, -quality, -humidity and processing conditions.

Gloss Level

Silk gloss

Density

Ca. 1,02 g/ml

Viscosity

Ca. 30 seconds (DIN-4-Cup / 20 °C)

Processing Instructions

Application Method

Brushing

Please observe ZOBEL steps of coating! Perform a test coating. Check color before use. Subsequent claims can not be considered.

Processing Viscosity

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

Processing Conditions

- Substrate must be dry, clean, load bearing and free from separating substances
- Moisture content of the wood ca. 15 %
- 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 well before use; avoid inclusion of air
- Protect freshly painted wood from rain

Product Consumption

Ca. 80 ml/m² per application

Drying Time

Dust dry: ca. 30 minutes / touch dry: ca. 1 hour / can be worked over: ca. 4 hours

(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): 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

Maintenance interval

For strongly weathered areas recoating is recommended after 2 – 3 years.

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.