



Technical Data Sheet



[Z] DecoTec® 5410 UniCoat 2in1 MS Dip

Product Description

Product Type

Water-based, weather-resistant, thin-layer glaze for dip-painting

- » Offering high color intensity and allowing the timber to “breathe”
- » Ideal for dip-painting
- » Highly weather-resistant
- » Intermediate- and top coat in one product

Area of Application

For non-dimensionally stable timber elements without ground contact indoors and outdoors, such as Carports, roof soffits, wooden ceilings, log and garden houses, facades, folding shutters, fences. Not suitable for garden-furniture and floors such as 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

Hybrid system of alkyd and acrylate

Pigments

High weather-resistant and lightfast inorganic and organic colored pigments

Color

- » Color-Line Nature, Color-Line Classic and special colors based on [Z] DecoTec® 5410 Base DEL. Integrated into the ZOBEL Color Mixing System.
- » » The color shade of the coating results, when not using a coloring primer, after two applications of the [Z] DecoTec® 5410.
- » When using a coloring primer in combination with primer, intermediate coat and top coat.
- » Color can be influenced by timber-species, -quality, -humidity and processing conditions.

Density

Approx. 1,02 g/ml

Viscosity

11 ± 1 seconds (DIN 53211-4 / 20 °C)

Processing Instructions

Application Method

Dipping, Brushing

Apply the product in 2 dipping- or brushing work steps. Take care for the drying time between each step.

Processing Viscosity

Ready to use. If necessary can be thinned with max. 5% water (preferably demineralized water).

Processing Conditions

- » Substrate must be dry, free of dust and grease
- » Moisture content of the wood max. 13%
- » Approx. 20 °C for substrate, material und environment, approx. 50% relative air humidity
- » Do not process below 15 °C or more than 30 °C
- » Stir material well before use; avoid air inclusion
- » To remove any paint-particles, that may have formed, filter the paint with a sieve with mesh size of 125 µm (e.g. quick sieve).



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Product Consumption

Approx. 80 - 100 ml/m² per work step

Drying Time

» Dust-dry: approx. 30 minutes

(20 °C / 50% relative Air Humidity)

» Touch dry: approx. 1 hour

» Can be worked over: approx. 4 hours

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 [Z] ZowoSmart® HydroCleaner

System products

Impregnation

[Z] ZowoTec® 118 Impregnation ProtectX

Primer

[Z] ZowoTec® 200 Primer

[Z] ZowoTec® 203 Primer ProtectX

[Z] DecoTec® 5425 UniCoat 2in1 Impregnation

[Z] DecoTec® 5426 UniCoat 3in1 Impregnation ProtectX

Intermediate Coat

[Z] DecoTec® 5410 UniCoat 2in1 MS Dip

Top Coat

[Z] DecoTec® 5410 UniCoat 2in1 MS Dip

Exemplary steps of coating. The respective technical data sheets for the products must be observed.

Standard Steps of Coating

1 x [Z] ZowoTec® 118 Impregnation ProtectX

1x [Z] DecoTec® 5410 UniCoat 2in1 MS Dip

1x [Z] DecoTec® 5410 UniCoat 2in1 MS Dip

Type of Packaging

20 Liters, further packaging units on request

Additional Information

Special Information

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

» Use only one batch no.per layer and color tone!

» Please observe ZOBEL steps of coating!

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 1 – 2 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.

All information provided is state of the art. Because of the large number of options for use and processing, however, obligation and liability must be ruled out. With the appearance of new versions, previous editions lose their validity.