



Technical Data Sheet



[Z] ZowoTec® 311 InterCoat

Product Description

Product Type

Water-based, glazing intermediate coat and colorless 1K primer for dipping

- » For use in glazing coating systems
- » Good flow properties
- » Excellent compression, solidification and saturation of the fiber structure
- » Supports a closed-pore painting result
- » Easy sanding
- » Low odor

Area of Application

- » Dimensionally stable timber elements (e.g. windows, doors), in- and outdoors.
- » Suitable for compressing and solidifying fiber structures (e.g. in the case of MDF)
- » Supports sandability and increases protection against the intake of moisture to reduce swelling behavior
- » Particularly recommended on edges or in the milling area of materials (e.g. MDF)

Technical Data

Base of Binder

Acrylate

Color

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

Density

Approx. 1,03 g/ml

Viscosity

11 ± 1 seconds (DIN 53211-4 / 20 °C)

Processing Instructions

Application Method

Dipping, brushing

Processing Viscosity

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

Processing Conditions

- » Mustn't be in contact with solvent since the dispersion can flocculate
- » Substrate must be dry, free of dust and grease
- » Approx. 20 °C for substrate, material und environment, approx. 50% relative air humidity
- » Do not process below 15 °C or more than 30 °C
- » Moisture content of the wood 13 ± 1%
- » Stir material before use; avoid inclusion of air
- » Dipping: keep contact time of at least 15 seconds.
- » Dip tank made from a non-corrosive material.
- » Recommendation for intermediate sanding: abrasives with P180 – P240 grit.
- » When using as an MDF compressor, apply (e.g. by means of brushing or spraying) the material once or twice on to the raw sheet material until the fiber is saturated,



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Product Consumption

Drying Time

(20 °C / 50% relative Air Humidity)

Recoatability

Cleaning of the Tools

System Products

allowing sufficient time for intermediate drying. At 20°C/50% relative humidity, the material can be reworked using suitable Zobel materials.

Approx. 80 ml/m².

Ambient drying:

» Can be worked over after 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.

After 4 hours at 20 °C / 50% air humidity

Immediately after use with water or [Z] ZowoSmart® HydroCleaner.

Impregnation	[Z] ZowoTec® 118 Impregnation ProtectX
Primer	[Z] ZowoTec® 200 Primer [Z] ZowoTec® 203 Primer ProtectX
Intermediate coat	[Z] ZowoTec® 311 InterCoat
Top Coat	[Z] ZowoTec® 420 TopCoat [Z] ZowoTec® 421 TopCoat UVPlusX [Z] ZowoTec® 425 TopCoat HighSolid [Z] ZowoTec® 426 TopCoat HighSolid UVPlus

Steps of coatings exemplary. The respective technical data sheets of the products must be observed.

Standard Steps of Coatings

Glazing

1 x [Z] ZowoTec® 203 Primer
1 x [Z] ZowoTec® 311 InterCoat
1 x [Z] ZowoTec® 425 TopCoat HighSolid, approx. 250 µm

MDF plates

1 x [Z] ZowoTec® 311 InterCoat
1 x [Z] ZowoTec® 260 Primer White
1 x [Z] ZowoTec® 263 Primer WhiteProtectX
1 x [Z] ZowoTec® 384 InterCoat White IsoFillX, approx. 150 µm
1 x [Z] ZowoTec® 484 TopCoat COLOR DoorX, approx. 150 µm

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!

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.

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.