



Technical Data Sheet



[Z] ZowoTec® 340 InterCoat IsoX Spray

Product Description

Product Type

Water-based colorless intermediate coating for larch

- » Fast layer-building
- » Prevents surface defects in the final coating as they can be caused by wood ingredients
- » Highly transparent

Area of Application

Dimensionally stable timber elements (e.g. windows, doors), in- and outdoors.
[Z] ZowoTec® 340 is exclusively used in glazing or super transparent [Z] ZowoTec® coating structures.

Technical Data

Base of Binder

Polyurethan – and Alkydcombination

Color

Colorless transparent

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

Density

Approx. 1,03 g/ml

Viscosity

Thixotropic settings

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	./.

Sprayable up to a wet-film thickness of 200 µm^{**}; recommended wet-film thickness approx. 150 µm.

^{**} Depending on processing conditions, the maximum wet-film thickness may be less in individual cases.

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

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

Processing Viscosity

Processing Conditions

- » Mustn't be in contact with solvent since the dispersion can flocculate
- » Substrate must be dry, free of dust and grease
- » Best stain-blocking properties are achieved at 20 °C for substrate, material und environment, approx. 50% relative air humidity
- » Do not process below 15 °C or more than 30 °C



Technical Data Sheet

Product Consumption

» Stir material before use; avoid inclusion of air

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

Drying Time

Ambient drying:

(20 °C / 50% relative Air Humidity)

» Can be worked over after approx. 4 hours wet film thickness 150 µm

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

Recoatability

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

Cleaning of the Tools

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

System products

Primer	[Z] ZowoTec® 200 Primer
Intermediate coat	[Z] ZowoTec® 340 InterCoat IsoX Spray
Top Coat	[Z] ZowoTec® 420 TopCoat [Z] ZowoTec® 421 TopCoat UVPlusX [Z] ZowoTec® 425 TopCoat HighSolid [Z] ZowoTec® 426 TopCoat HighSolid UVPlusX

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

Standard Steps of Coating

1 x [Z] ZowoTec® 200 Primer

1 x [Z] ZowoTec® 340 InterCoat IsoX Spray approx. 150 µm

1 x [Z] ZowoTec® 425 TopCoat HighSolid approx. 225 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 Berger-Zobel steps of coating!

VOC-Label

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.

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.