



Technical Data Sheet



[Z] ZowoTec® 385 InterCoat White IsoFillX

Product Description

Product Type

Water-based, insulating white opaque intermediate coat

- » Protective action against discoloring wood ingredients.
- » Protective action against surface defects owing to wood-specific ingredients (e.g. larch, pine)
- » High covering power
- » High-solid
- » Fast layer-building
- » One-component
- » Good grindability
- » Its viscosity setting ensures safe processing even on complex geometries
- » Ideal intermediate coating under [Z] ZowoTec® window top coats

Area of Application

Dimensionally stable timber elements (e.g. windows, doors), in- and outdoors.

Technical Data

Base of Binder

Special acrylate

Pigments

Titan dioxide

Color

White

Density

Approx. 1,28 g/ml

Viscosity

Thixotropic settings

Processing Instructions

Application Method

Spraying

Spraying process	Nozzle [mm]	Pressure [bar]	Atomiser [bar]
Airless / Airmix	0,28 – 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 250 µm*; recommended wet-film thickness approx. 150 µm.
- » A good insulating effect is only achieved with a uniform and closed paint film. In case of very porous woods, an application quantity of more than 150 µm may be necessary
- » By application of more than 250 µm per layer, the drying time will be significant longer and the performance of the coating, e.g. adhesion and hardness, will be affected negatively.

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



Technical Data Sheet

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
- » Do not leave the container open, as the varnish dries quickly and can lead to undesired drying.
- » Substrate must be dry, free of dust and grease
- » Best stain-blocking properties are achieved at 20 °C for substrate, material and environment, approx. 50% relative air humidity
- » Do not process below 15 °C or more than 30 °C
- » Stir material well before use; avoid inclusion of air
- » Recommendation for intermediate sanding: abrasives with grain size P180 - P240.
- » For preserving the insulation action do not sand down through the intermediate coat.
- » It is possible to mix [Z] ZowoTec® 385 with maximum quantity of 10% [Z] ZowoTec® top coats. Stir the mixture material very well before use; avoid air inclusion.

Product Consumption

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

Drying Time

Air Drying:

(20 °C / 50% relative Air Humidity)

- » Can be worked over after approx. 6 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.

Recoatibility

After 6 hours at 20 °C / 50% air humidity

Cleaning of the Tools

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

System products

Impregnation	[Z] ZowoTec® 118 Impregnation ProtectX
Primer	[Z] ZowoTec® 260 Primer White [Z] ZowoTec® 263 Primer White ProtectX
Intermediate coat	[Z] ZowoTec® 385 InterCoat White IsoFillX
Top coat	[Z] ZowoTec® 480 TopCoat COLOR [Z] ZowoTec® 484 TopCoat COLOR DoorX [Z] ZowoTec® 485 TopCoat COLOR AquaSaveX [Z] ZowoTec® 494 TopCoat COLOR DoorX Texture [Z] ZowoHome® 8450 WoodStar COLOR

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

Standard Steps of Coatings

- 1 x [Z] ZowoTec® 118 Impregnation ProtectX
- 1 x [Z] ZowoTec® 260 Primer White
- 1 x [Z] ZowoTec® 385 InterCoat White IsoFillX, approx. 150 µm
- 1 x [Z] ZowoTec® 485 TopCoat COLOR AquaSaveX, approx. 150 µm

Type of Packaging

20 Liters, further packaging units on request

Additional Information



Technical Data Sheet

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.