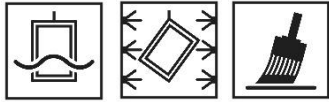




Technical Data Sheet



[Z] ZowoTec® 260 Primer White

Product Description

Product Types

Water-based, insulating wood impregnation

- » Fast drying
- » Excellent flow behavior
- » Uniform white coloring
- » Insulation action against water-soluble constituents of hard and coniferous wood
- » Low odor
- » Easy sanding

Area of Application

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

Technical Data

Base of Binder	Alkyd
Pigments	Titanium dioxide, extender
Color	White
Density	Approx. 1,2 g/ml
pH-Value	8,0 – 9,0
Viscosity	11 ± 1 seconds (DIN 53211-4 / 20 °C) 21 ± 2 seconds (DIN 53211-3 / 20 °C)

Processing Instructions

Application Method

Dipping, flow coating, brushing

Processing

- » To avoid flocculation, may not get in contact with solvents.
- » Substrate must be dry, and 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.
- » Wood moisture 13 ± 2%
- » Stir material before use.
- » Dipping / flow coating: keep contact time of at least 15 seconds.
- » Dip tank made from a non-corrosive material.
- » Recommendation for intermediate sanding: abrasive with P180 – P240 grit.
- » For preserving the insulation action do not sand down to the substrate.

Recommended Tests for Dipping- and Flow-Coating Process

Foaming

If [Z] ZowoTec® 260 tends to foam when used in a flow coater, we recommend using [Z] ZowoSmart® AntiFoamX 5510. The amount used is between 0,1% and max. 0,3%. The exact quantity of use is listed in the corresponding technical data sheet.

Viscosity

Ready to use. Check the viscosity daily and if necessary, adjust with max. 5% water (preferably demineralized water) or fresh material.



Technical Data Sheet

When processing in the flow coater or when used for a long time in the dip tank, water evaporates from the product, which will result in an increase in viscosity. Therefore,

check the viscosity before use or at least once a day and if necessary, adjust with max. 5% water (preferably demineralized water) or fresh material. A dilution with more than 5% water is not recommended, as this could lead to excessive changes in the product such as color deviations, reduced insulating properties or a reduction in the biocidal effect.

pH-Value

Longer or frequent contact times with the wood to be processed can reduce the pH value. This can have a negative effect on the drainage behavior of the product. The pH value can be adjusted using [Z] ZowoSmart® pHPlus. The exact quantity of use is listed in the corresponding technical data sheet.

Hygiene

Due to the contact with the wood to be processed, sanding and wood dust as well as wood shavings can be introduced. These can lead to bacterial infestation. By regularly cleaning the systems from foreign substances (e.g. sieving) and adding [Z] ZowoSmart® AntiBak, the infestation be counteracted. The exact quantity of use is listed in the corresponding technical data sheet.

Product Consumption

The application rate of the product is approx. 120 g/m² which can be achieved by 1 – 2 applications.

Drying Time

(20 °C / 50% relative Air Humidity)

Air drying:

Can be worked over approx. 4-6 hours.

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

Recoatibility

After 4 hours at 20 °C / 50% relative 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
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

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

Standard Steps of Coating

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

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!



Technical Data Sheet

» 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.