



Technical Data Sheet

[Z] ZowoSmart® MDF DoorFix

Product Description

Product Types

Water-based, colorless 1C-primer

- » Fast drying
- » Deep penetration
- » Excellent compaction, consolidation and saturation of the fiber structure
- » Protection against moisture absorption through high water-resistance
- » Easy to use
- » Excellent manual and machine grindability
- » Early block-resistant

Area of Application

- » MDF inside (e.g. furniture- or kitchen fronts) and outside (e.g. front doors)
- » For outdoor use, we recommend MDF boards that are suitable for outdoor use.
- » In the problematic edge and milling area in particular, the compactor enables a homogeneous surface with a low roughness depth after intermediate sanding. Thus [Z] ZowoSmart® MDF DoorFix provides an ideal starting point for further processing. This can range from a lacquer structure to foils. Adhesion must be checked in individual cases.
- » In contrast to solvent-based and partly 2-component product alternatives, [Z] ZowoSmart® MDF DoorFix impresses with its environmental friendliness and easy processing. Pot times and product residues do not have to be accepted.

Technical Data

Base of Binder	Acrylate
Color	Colorless
Density	Approx. 1,03 g/ml
Viscosity	11 ± 1 Sekunde (DIN 53211-4 / 20 °C)

Processing Instructions

Application Method

- Brushing, Spraying,
- » Brush [Z] ZowoSmart® MDF DoorFix on the millings and edges
 - » After drying time and sanding, apply [Z] ZowoSmart® MDF DoorFix on the complete surface

Spraying

Spraying process	Nozzle [mm]	Pressure [bar]
Low Pressure Air Spraying	1,0 – 1,5	2,0 – 2,5.

- » Can be sprayed up to a maximum wet-film thickness of 100 µm*.



Technical Data Sheet

*Depending on processing conditions, the maximum wet-film thickness may be less in individual cases! The maximum wet-film thickness to be expected for standing surfaces will be lower than for lying surfaces.

Brushing

» Brush the surfaces to be coated, edges and millings 1 – 2 time observing the recommended drying time between the layers

Ready to use.

» To avoid flocculation, may not get in contact with solvents.

» 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.

» Stir material before use.

» Recommendation for intermediate sanding: abrasive with P180 – P240 grit.

Approx. 80 g/m²

Air drying:

Can be worked over after approx. 1 - 2 hours.

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

After approx. 2 hours at 20 °C / 50% relative air humidity.

Immediately after use with water or [Z] Zowo-Clean Hydro Cleaner.

Processing Viscosity

Processing Conditions

Product Consumption

Drying Time

(20 °C / 50% relative Air Humidity)

Recoatibility

Cleaning of the Tools

System products

Impregnation	[Z] ZowoSmart® MDF DoorFix
Primer	[Z] ZowoTec® 260 Primer White
Intermediate coat	[Z] ZowoTec® 384 InterCoat White IsoFillX [Z] ZowoTec® 484 TopCoat COLOR DoorX [Z] ZowoTec® 494 TopCoat COLOR DoorX Texture
Top coat	[Z] ZowoTec® 484 TopCoat COLOR DoorX [Z] ZowoTec® 494 TopCoat COLOR DoorX Texture

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

Standard Steps of Coating

Opaque

1 – 2 x [Z] ZowoSmart® MDF DoorFix

1 x [Z] ZowoTec® 260 Primer White

1 x [Z] ZowoTec® 384 InterCoat White IsoFillX, ca. 150 µm

1 x [Z] ZowoTec® 484 TopCoat COLOR DoorX, ca. 150 µm

Type of Packaging

1 Liter and 20 Liters



Technical Data Sheet

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-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.

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.