



## Technical Data Sheet



# [Z] ZowoTec® 494 TopCoat COLOR DoorX Texture

### Product Description

#### Product Type

Water-based, opaque textured top coat. Especially for wooden front doors

- » Nobly textured surface
- » No clear coat required
- » Single-component
- » Highly weather-resistant
- » Highly dosed UV-protection
- » Anti-Heat formulation for lower substrate heating
- » Extra scratch resistance
- » Good chemical and hand lotion resistance
- » Very good grinding properties

#### Area of Application

Wooden front-doors and wood-based materials, in- and outdoors

### Technical Data

#### Base of Binder

Hybrid system made of polyurethane and acrylate

#### Pigments

Strong weather-based and lightfast inorganic and organic colored pigments

#### Color

- » RAL-colors and special colors on [Z] ZowoTec® 494 Base C.
- » By adding [Z] ZowoSmart® EffectPigment Silver metallic colors can be made. The quantity of use is listed in the technical datasheet of [Z] ZowoSmart® EffectPigment Silver.

#### Texture

Available with fine or coarse texture

#### Density

Approx. 1,0 up to 1,2 g/ml depending on color

#### Viscosity

Thixotropic setting

### Processing Instructions

#### Application Method

Spraying

Spraying process	Nozzle [mm]	Pressure [bar]	Atomiser [bar]
Airless / Airmix	0,21 – 0,28	50 – 100	0 – 2,0
Low Pressure Air Spraying	1,4 – 2,5	1,5 – 3,5	./.

- » Can be sprayed up to a wet-film thickness of 200 µm\*, recommended wet-film thickness approx. 150 µm.
- » 150 µm corresponds to a dry film thickness of 45 µm.
- » By spraying more-than 200 µm wet-film thickness, the drying time rises up significantly and also the performance of the lacquer, for example adhesion and hardness can be impacted negatively.



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### Processing Viscosity

\*Depending on color and processing conditions, the maximum wet-film thickness may be less in individual cases!

### Processing Conditions

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

- » 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.
- » To avoid skin formation, always keep containers tightly closed.
- » To remove any paint-particles, that may have formed, filter the paint with a sieve, mesh size 125 µm (e.g. quick sieve).
- » Stir material before use; avoid inclusion of air

### Product Consumption

Approx 150 ml/m<sup>2</sup> at a wet-film thickness of 150 µm (without overspray).

### Drying Time

(20 °C / 50% relative Air Humidity)

Air drying:

- » Transport-dry (degree of dryness 7, according to DIN 53 150) after drying time over night (at least 16 h), with a wet-film thickness of 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.

### 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 WhiteProtectX
Intermediate coat	[Z] ZowoTec® 385 InterCoat White IsoFillX
Top coat	[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

- 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® 494 TopCoat COLOR DoorX Texture approx. 150 µm

### Type of Packaging

20 Liters, further packaging units on request

### Additional Information



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### 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): 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.

### Compatibility

The processor has to test the compatibility of the coating with contact materials like tapes or seals.

Cleaning of new coated surfaces earliest after 6 weeks. Use only water-based cleaners, e.g. [Z] ZowoSmart® 5101 Cleaner or a mild neutral cleaner.

To avoid irreparable damage, clean without abrasive cleaner, steel wool, abrasive sponges, blades, solvent cleaner.

### 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.