

Derozink n. BBV

Anti-corrosive zinc rich primer on epoxy-ester resin basis

Product properties

- High Solid
- Coating systems for corrosivity category C3
- Coating systems for high temperatures
- Fast recoatability
- Weldable up to 25-30 µm dry film thickness
- Overcoatability: do not overcoat with itself
- Recoatability: with single-component topcoats
- Recoatability: with aromatic free topcoats (critical when by overpainting with aromatic content topcoats(wrinkling))

Technical Specification

Colours	grey , green tinted, red tinted.
Flash point	>23 °C
Temperature stability	Up to 300 °C
Gloss	Mat
Potential dry film thickness in one working process	40 up to 60 µm
Viscosity	Appr. 65 sec running time (DIN 4 mm pot)
Density in kg/l	2,5
Solid content in %	83
Solid volume in %	51
Theoretical spreading capacity	<ul style="list-style-type: none"> • 12,75 m²/l at 40 µm DFT • 5,1 m²/kg at 40 µm DFT
Recommended film thickness	75 µm WFT corresponds to 40 µm DFT
Drying (DIN EN ISO 1517)	40 µm DFT
Dust-dry (Tg1)	After 20 min
Touch-dry (Tg4)	After 60 min
Dry (Tg6)	After 24 h
Interval for overcoating	<ul style="list-style-type: none"> • after 3 h with single-component topcoats
Note	<ul style="list-style-type: none"> • The specifications are based on standard atmospheric conditions 23/50, DIN 50014. • Lower temperatures and/or higher humidity will prolong drying and hardening.

Safety information (See Security Data Sheet)

VOC-level	Appr. 430 g/l
Solvent content	Appr. 17 % by weight
Aromatic content	Appr. 17 % by weight

Storage

Storage	<ul style="list-style-type: none"> • In dry, cool rooms, if possible frost-proof • Ensure good ventilation
Shelf life	<ul style="list-style-type: none"> • 6 month from date of delivery when in unopened original containers in cool and dry conditions

Application methods

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Airless spraying	<ul style="list-style-type: none"> • Flow pressure 180 bar • Nozzle size 0,011 - 0,014 inch (0,28 - 0,36 mm) • Spraying angle according to the geometry and size of the object to be laquered
Compressed air spraying	<ul style="list-style-type: none"> • Spraying pressure 3 - 5 bar • Nozzle size 1,5 - 2 mm • Adjust to spraying viscosity (appr. 30 s DIN 4 mm) adding appr. 5 % Derozink-Verdünnung (two component products: after mixing)
Electrostatic application	<ul style="list-style-type: none"> • Application is not possible
Dipping	<ul style="list-style-type: none"> • Can not be applied as delivered
Other methods	<ul style="list-style-type: none"> • Roller and brush application for repair work is possible
Thinner	<ul style="list-style-type: none"> • Max. 10% Derozink-Verdünnung
Cleaning	<ul style="list-style-type: none"> • Rinse immediately with Derozink-Verdünnung • Residues are dissolvable with Derozink-Verdünnung
Preparation of support	<ul style="list-style-type: none"> • Shot blasting to a purity according to SA 2½ • Mill scale, welding residues, dust and dirt on the surface which might reduce adhesion have to be carefully and thoroughly removed
General remarks	<ul style="list-style-type: none"> • During coating and drying the humidity should be min. 10 % / max. 85 % • During coating and drying the environmental temperature should be min. 5°C / max. 30°C • Object temperature at least 3° C above dew point.
Example for a system	<ul style="list-style-type: none"> • Primer coat: Derozink n. BBV • Finish coat: EPE Einschichtlack

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