

## Derilux 588

Topcoat with anti-corrosive pigments (zinc-phosphate) on alkyd resin basis

### Field of application

- Protection against corrosion for iron and steel
- One-coat paint system or topcoat according to German TL 918300 Blatt 588.12 . One pack performance coating for specific use according dekopaint directive.

### Product properties

- Low aromatic content
- Contains zincphosphate
- Good weather resistance
- Good UV-stability
- Recoatable with itself
- Applicable as a topcoat on any solvent resistant primers

### Technical Specification

Colours	<b>RAL 5010</b> , RAL-colour chart with exceptions. Other colours upon request.
Flash point	>23 °C
Temperature stability	-20 up to 120 °C
Gloss	Satin glossy, appr. 40 U in 60° angle
Potential dry film thickness in one working process	60 up to 80 µm
Viscosity	Thixotrope
Density in kg/l	1,15
Solid content in %	56
Solid volume in %	41
Theoretical spreading capacity	<ul style="list-style-type: none"> <li>• 5,13 m²/l at 80 µm DFT</li> <li>• 4,46 m²/kg at 80 µm DFT</li> </ul>
Recommended film thickness	200 µm WFT corresponds to 80 µm DFT
Drying (DIN EN ISO 1517)	80 µm DFT
Dust-dry (Tg1)	After 70 min
Touch-dry (Tg4)	After 6 h
Dry (Tg6)	After 8 h
Interval for overcoating	<ul style="list-style-type: none"> <li>• after 6 h with itself</li> </ul>
Note	<ul style="list-style-type: none"> <li>• The specifications are based on standard atmospheric conditions 23/50, DIN 50014.</li> <li>• Lower temperatures and/or higher humidity will prolong drying and hardening.</li> </ul>

### Safety information (See Security Data Sheet)

VOC-level	Appr. 470 g/l
Solvent content	Appr. 44 % by weight
Aromatic content	Appr. 4 % by weight

### Storage

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

### Application methods

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Airless spraying	<ul style="list-style-type: none"> <li>• Flow pressure 160 - 180 bar</li> <li>• Nozzle size 0,011 inch (0,28 mm)</li> <li>• Spraying angle according to the geometry and size of the object to be laquered</li> </ul>
Compressed air spraying	<ul style="list-style-type: none"> <li>• Spraying pressure 3 - 5 bar</li> <li>• Nozzle size 1,5 - 2 mm</li> <li>• Adjust to spraying viscosity (appr. 30 s DIN 4 mm) adding appr. 3 % Derozink-Verdünnung (two component products: after mixing)</li> </ul>
Electrostatic application	<ul style="list-style-type: none"> <li>• Application is possible, provided that the material is set to the appropriate conductance for the system concerned</li> <li>• It should be noted that, adapting the material to the appropriate conductance for the system concerned, may prolong drying and impair the resistance to corrosion and weathering</li> </ul>
Dipping	<ul style="list-style-type: none"> <li>• Can not be applied as delivered</li> </ul>
Other methods	<ul style="list-style-type: none"> <li>• Roller and brush application is possible in the quality as delivered</li> </ul>
Thinner	<ul style="list-style-type: none"> <li>• Max. 5% Derozink-Verdünnung</li> </ul>
Cleaning	<ul style="list-style-type: none"> <li>• Rinse immediately with Derozink-Verdünnung</li> <li>• Residues are dissolvable with Derozink-Verdünnung</li> </ul>
<b>Preparation of support</b>	<ul style="list-style-type: none"> <li>• Shot blasting to a purity according to SA 2½</li> <li>• If necessary clean with high pressure-cleaner and turbo-cleaner-solution</li> <li>• Mill scale, welding residues, dust and dirt on the surface which might reduce adhesion have to be carefully and thoroughly removed</li> </ul>
<b>General remarks</b>	<ul style="list-style-type: none"> <li>• During coating and drying the humidity should be min. 10 % / max. 85 %</li> <li>• During coating and drying the environmental temperature should be min. 5°C / max. 30°C</li> <li>• Object temperature at least 3° C above dew point.</li> </ul>
<b>Example for a system</b>	<ul style="list-style-type: none"> <li>• Primer coat: Derogrund EPE EG thix</li> <li>• Finish coat: Derilux 588</li> </ul>

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*Our general terms of sale and delivery apply as agreed.*

Product group: KD0956