

3K-Derocryl Antislip

Three component coating on acrylic resin basis, chemical cured with polyisocyanate (polyurethane)

Field of application

- Anti-slip protection coating
- Topcoat for high rust protection requirements, if required applicable as an one-coat paint system.

Product properties

- Good UV-stability
- Scratch resistance
- Good elasticity and mechanical properties
- Fast drying
- Recoatable with itself

Technical Specification

Colours **RAL 7035**, Other colours upon request.
Flash point >23 °C
Temperature stability up to 120 °C
Gloss semi-glossy, appr. 40 U in 60° angle

Mixing ratio **Derocryl Base 60 : Derisol Grip : Hardener HL 401**
by weight 10 : 15 : 1

Pot life in hours 2
Solid content in % 80
Theoretical spreading capacity appr. 2 m²/kg

Drying (DIN EN ISO 1517)
Dust-dry (Tg1) after 60 min
Touch-dry (Tg4) after 5 h
Dry (Tg6) after 8 h
Cured chemically after 7 days

Interval for overcoating after 6 h with itself

Note
The specifications are related to the prepared mixture and are based on standard atmospheric conditions 23/50, DIN 50014.
Lower temperatures and/or higher humidity will prolong drying and hardening.
Application below +5 °C is not possible.

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Storage

Storage In dry, cool rooms, if possible frost-proof Ensure good ventilation

Shelf life 6 month from date of delivery when in unopened original containers in cool and dry conditions

Application methods

Mixing ratio Mix base paint, additive and hardener according to the mixing ratio as specified.
Stir homogeneous, preferably with mechanical stirrer.

Compressed air spraying Spraying pressure 3 - 6 bar
Nozzle size 2 - 8 mm

Thinner Max. 5% Derocryl-Verdünnung

Cleaning Rinse immediately with Derocryl-Verdünnung

Preparation of support

- Shot blasting to a purity according to SA 2½
- If necessary, clean with high pressure-cleaner and turbo-cleaner-solution
- Sweeping for zined supports
- Mill scale, welding residues, dust, soluble residues from chemical pretreatments and zinc reaction products which might reduce adhesion have to be carefully and thoroughly removed

General remarks

- 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

- Primer coat: 2K-Derocryl Haftgrund HS
- Finish coat: 3K-Derocryl anti-slip coating

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Product group: PA4597