



Single component water-based top coat for Durapaint FR water-based fire protection coatings for indoor use

SUBSTRATES / PROPERTIES / ENVIRONMENT

Substrates: Durapaint FR water-based fire protection coatings

- Fast drying coating based on water-based polymer
- VOC < 30 g/l, VOC 3,5 g/m² at nominal stratum thickness
- Suitable for sustainable building
- No labeling required / Contains no halogens, TCEP, SVHC, lead, cadmium, mercury, bromine, silicone and plasticisers

PRODUCT DATA

DURATOP C

Colour: RAL, NCS, DB, Sikkens or in individual colour shades available

Gloss level: Silky matt (< 30 gloss units at 60°) / The gloss level varies depending on the colour shade.

Preparation: Stir well before use!

Thinning and / or Cleaning with water

Shelf life: 6 months in unopened original pails at ambient temperatures in dry conditions

APPLICATION INSTRUCTIONS

Recommendation at temperatures of approx + 20 °C

| | Airless | Roller / Brush |
|--------------------------|----------------|-----------------------|
| Nozzle size (inch) | 0.009 – 0.013 | - |
| Operation pressure (bar) | 120 – 150 | - |
| DFT* per layer (µm) | 60 | 60 |
| Thinning (%) | 0 – 3 | 0 |

Drying time at 60 µm DFT

Dust dry

Ambient temperature + 20 °C

: after approx 45 minutes

Dried through

: after approx 24 hours

APPLICATION INSTRUCTIONS

Use

DURATOP C top coats offer the possibility of coloured design, protection against moisture and should be applied when the surfaces, during the usage, are exposed to environmental influences, regular cleaning and similar external influences.



- Material, substrate and ambient temperature > + 10 °C
- Relative humidity < 80 %
- Application by brush, short pile velour or mohair paint roller or airless spraying
- If steel surfaces are regularly exposed to intense heat / high temperatures, do not use dark colours as a top coating

Note: If DURATOP C must be applied out of different batches, mix both materials (of the same colour shade) together before application.

- Colour shades containing metallic pigments may change by thinning with water or by application by brush or roller

Air and surface temperatures: The temperature of the steel surface and the ambient temperature must remain between + 15 °C up to + 25 °C during the coating procedure. Not below + 10 °C or above + 30 °C!

During the application, the surface temperature of the coated part must be at least + 5 °C above the dew point of the ambient temperature!

PACKAGING

20 kg pail

SHELF LIFE

12 Months