

CHING-HYDROVERSAL-top coat HV 43 K (NON SLIP)










Intended use




High-performance, one-component, water-based, non-slip acrylic top coat.

Application

Chemical plants, waste incineration plants, transformers and radiators, transformer substations, steel structures such as storey car parks, crane systems, tank systems, pipe bridges, bridge structures etc.

General information

| | | | | | | |
|---|--------------------------------|---|--------------------|-----------------------|------------------------|-------------------------------|
|  | Color shades | RAL- and DB-colors as well as further colors on request | | | | |
|  | Gloss | mat | | | | |
|  | Stirring / Dilution | Stir the product mechanically before each use. Ready to use after adding hardener. Dilute with deion. water if necessary. | | | | |
|  | Spraying | Viscosity [DIN 4] | Thinner [%] | Nozzle [mm] | Pressure [bar] | |
| | Cup gun | Delivery form s | - | 4 - 5 | 5 | |
| | Airless (Airmix) | - | - | - | - | |
|  | Brush application | Delivery form | | | | |
|  | Roller application | Delivery form | | | | |
|  | Flow application | n.a. | | | | |
|  | Substrate preparation | according to DIN EN ISO 12944-4; surface clean, dry, free of dust, salt, oil and grease as well as free of adhesion-reducing substances (e.g. corrosion products) | | | | |
|  | Drying time¹ | Temperature | Dust-dry | Grip resistant | Mech. resilient | Recoatable² |
| | at 100 µm | NC 23/50 | 1 h | 5 h | 24 h | 6 - 8 h |
| <p>¹ Based on delivery viscosity! Humidity has a decisive influence on drying!</p> <p>² with itself (not normally required for top and final coats, except possibly for minimum coat thicknesses)</p> | | | | | | |

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|---|--------------------------------|---|--------------------------------|---------------------------------------|--|---|
|  | Viscosity delivery form | 95 - 100 KU | | | | |
|  | Other values | Density [g/cm ³] | Solids [Weight. %] | Solid volume [%] | Solid volume [cm ³ /kg] | Efficiency¹ [m ² /kg] |
| | | 1,4 ± 0,1 | 64 ± 5 | 37 ± 5 | 340 ± 20 | 3,5 |
| | | WFF | DFT² [μm] | Consume [g/m ²] | VOC-content [g/l] (± 20) | Temperature resistance³ |
| | | 2,7 | 100 | 260 ± 20 | 125 | 80 - 100°C |
| <p>These values are imputed values that may vary depending on the color shade and application. Drying times are correspondingly longer for thicker layers. The drying times are shortened by forced drying.</p> <p>¹ ± 0,5 for 100 μm dry layer thickness (depending on shade) ² With layer thicknesses > - μm bubbles may form! ³ Dry heat</p> | | | | | | |
|  | Notes | <ul style="list-style-type: none"> • Storage 18 months (in unopened original container. Store cool but frost protected!) • Processing conditions <ul style="list-style-type: none"> ❖ The air and object temperature should be at +10°C to +35°C (optimally at 15-35 °C) and the relative humidity at max. 80 %. The surface temperature of the parts to be coated must be at least 3 °C above the dew point of the surrounding air during application. ❖ Sufficient supply and exhaust air must be provided. ❖ The equipment (e.g. spray gun, stirring unit etc.) should be cleaned directly after the use with water (tap water). The sooner the cleaning work is carried out, the better the cleaning effect. Dired-on material can be cleaned with CHING-Thinner VH 01. | | | | |