

CLEANPOXY 3100



Solvent-based epoxy top coat

CLEANPOXY 3100 is a 2K solvent-type epoxy top coat that is excellent in dust proofness, abrasion resistance, chemical resistance, and adhesion to the basis material. It is also a widely used paint for interior finishing that requires dustproofing.

Usage

Flooring material for concrete surfaces of various buildings requiring dust proofness

Specification

| Paint type | Modified epoxy / Polyamide (2-Component) | | | |
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| Drying time | Category | 5°C | 20°C | 30°C |
| | Set-to-touch | 3 hours | 1 hour | 30 minutes |
| | Dry-through | 20 hours | 8 hours | 6 hours |
| | Over-coat (Min.) | 24 hours | 8 hours | 6 hours |
| | Over-coat (Max.) | 1 month | 15 days | 8 days |
| | Pot life | 12 hours | 5 hours | 2 hours |
| <small>Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site. The film that has passed the maximum follow-up coating time may have adhesion failure. Please apply after checking the proper surface treatment and adhesion.</small> | | | | |
| Thinner | DR-100, DR-100L | Dilution ratio | ▷ Brush, roller coating: less than 5% | |
| Specific gravity | Apporx. 1.15 (Green) | | | |
| Theoretical Coverage | 0.11 kg/m ² (10.5m ² /ℓ) | Solid volume ratio | 42±3 % | |
| Color | Green, gray, other ordered colors | Thickness of dried film | 40 μm | |
| Mixing ratio | Base(A)/hardener(B)=2/1 (volume ratio) | Gloss | Glossy | |
| Shelf life | 12 months | Packaging unit | 16L (Compounds) | |
| Flash point | 16°C | | | |

How to Use

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| Surface treatment | <ol style="list-style-type: none">1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%.2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness. |
| Coating Conditions | <ol style="list-style-type: none">1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less2. Please note that due to the nature of epoxy paint, discoloration and chalking may occur if exposed to the outdoor environment. |
| Coating Method | <ol style="list-style-type: none">1. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer.2. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener. <p>Appropriate construction specifications</p> <p>▷Primer : CLEANPOXY CLEAR PRIMER, CLEANPOXY PENETRATED PRIMER DNY-200, NEW HARDENER PRIMER</p> <p>▷Intermediate coating : CLEANPOXY LINING DHDC-6200(Y)(if necessary)</p> <p>▷Top coat : CLEANPOXY 3100</p> |