

CLEANPOXY

DHDC-6400(S) Solvent Free Epoxy



This paint is a non-solvent-based epoxy paint based on the epoxy-modified amine resin, which can form a strong dry film. It is excellent in adhesion, appearance, durability and chemical resistance, and airless spraying is possible. In particular, since 500 μ m-thick coating is possible with one coat, and the smoothness of the film is good, it is a premium non-solvent-based epoxy lining paint that is suitable as a concrete floor paint.

Usage

Interior dust-proofing floor primer for concrete floors

Specification

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| Paint type | Modified epoxy / Modified amine (Two-Component) | | | |
| Drying time | Category | 5°C | 20°C | 30°C |
| | Set-to-touch | 10 hours | 5 hours | 3 hours |
| | Dry-through | 48 hours | 24 hours | 18 hours |
| | Over-coat (Min.) | 72 hours | 48 hours | 24 hours |
| | Over-coat (Max.) | 9 days | 4 days | 3 days |
| | Pot life | 60 minutes | 30 minutes | 20 minutes |
| 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. | | | | |
| Thinner | Not Applicable | Dilution ratio | ▷ No dilution ▷ In case of high viscosity in the winter season, dilute within the volume ratio 1% | |
| Specific gravity | Approx. 1.50 (Grey, white) | | | |
| Theoretical Coverage | Between 2~5 m ² per Lt | Solid volume ratio | 96±3 % | |
| Colour | Grey, white, other ordered colours | Thickness of dried film | 0.25~1.0 mm | |
| Mixing ratio | Base(A)/Hardener(B)=2.83:1 (Volume ratio) 5:1 (Weight) | Gloss | Glossy | |
| Shelf life | 12 months (after this time check for suitability) | Packaging unit | 16L (Compounds) | |

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 less, Moisture content in the concrete: 6% or less2. Please note that due to the nature of epoxy paint, discoloration and chalking may occur if exposed to the outdoor environment.3. Injection pressure : More than 3000 psi(210kgf/cm²)4. The use of a thinner more than the recommended amount causes a further delay in drying, decline in hardness, whitening, skid marks, etc. |
| 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. Add the hardener to the base and use after evenly mixing for 3-5 minutes with a power stirrer.3. Apply uniformly with airless equipment. <p>Appropriate construction specifications</p> <p>▷ Primer : CLEANPOXY CLEAR PRIMER, CLEANPOXY PENETRATING PRIMER DNY-200</p> <p>▷ Lining : CLEANPOXY DHDC-6400(S)</p> <p>▷ Top coat : CLEANPOXY 3100, CLEANPOXY COATING, Urethane (if necessary)</p> |