

CLEANPOXY DNY-200(E)



High Solid Epoxy Floor Primer

This product is a two-component transparent epoxy primer made mainly of epoxy resin and modified amine resin. It is suitable as a floor undercoat, enhancing the strength of the concrete surface due to its excellent adhesion, permeability, water resistance and chemical resistance. In particular, this paint minimizes organic solvents and reduces VOC by organic solvents during indoor work.

Usage

Epoxy primer for concrete surfaces

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 | 5 hours | 3 hours | 2 hours |
| | Dry-through | 36 hours | 15 hours | 10 hours |
| | Over-coat (Min.) | 2 days | 1 day | 12 hours |
| | Over-coat (Max.) | 1 month | 15 days | 7 days |
| | Pot life | 1 hour | 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. 1.10 (Transparent) | | | |
| Theoretical Coverage | 8-10m ² /ℓ | Solid volume ratio | 93±3 % | |
| Colour | Transparent | Thickness of dried film | 100 μm | |
| Mixing ratio | Base(A)/Hardener(B)=2.96/1 (Volume ratio) 4/1 (Weight) | Gloss | Glossy | |
| Shelf life | 12 months | Package 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.3. The substrate with severe absorption of primer due to poor concrete should be reinforced by additional coating to exhibit excellent adhesion.4. For high-strength concrete (260kg/m² or higher), blasting treatment should be carried out. |
| 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. Moisture content in the concrete: 6% or less |
| 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.3. Add the hardener to the main agent and use after evenly mixing for 3-5 minutes with a power stirrer. <p>Appropriate construction specifications</p> <p>▷Primer : CLEANPOXY DNY-200(E)</p> <p>▷Top coat : Epoxy system, urethane system</p> |