DHDC-9600(P)

Anti-static epoxy primer

This paint is a two-component anti-static epoxy primer for precision industries that require protection from electrostatic hazards. In particular, it is suitable for anti-static primer of metal substrates due to its excellent adhesion and rust resistance to non-ferrous metals.

Usage	Primer for steel requiring an anti-static and conductive properties

Specification

Paint type	Epoxy polyamide / Anti-static paint (Two-Component)

Drying time

Category	5℃	20℃	30℃
Set-to-touch	1 hour	30 minutes	20 minutes
Dry-hard	24 hours	6 hours	4 hours
Over-coat (Min.)	48 hours	12 hours	6 hours
Pot life	10 hours	5 hours	3 hours

Thinner	DR-100	Dilution ratio	▷Brush, roller, spray coating: less than 10%
Specific gravity	Approx. 1.15(Based on gray)		
Theoretical Coverage	13.3 ㎡/ℓ (1 time - 30㎛)	Solid volume ratio	Approx. 40±2%
Color	Gray	Thickness of dried film	30㎛
Mixing ratio	Base(A)/Hardener(B)=2.2/1 (Volume ratio)	Flash point	At least 27℃
Gloss	Less than semi-gloss	Shelf life	12 months (Dry, cool, and dark place with good ventilation)

Product Properties (Physical Property Data)

Surface Resistance	10^6 ~ 10^8 Ω(20℃, Recommended Film Thickness)

How to Use

Surface treatment	1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. 2. Sufficiently dry the surface to be coated before coating. 3. No special surface treatment such as blasting is required (except for immersion areas)□ 4. Possession of highly polished and smooth galvanised steel (deck plate, etc.), stainless steel, etc. may result in poor adhesion due to separate surface treatment. Please be sure to check the adhesion by applying a test coat. 5. When repainting, completely remove the weak adhesion film, rust and black skin with hand tools or power tools.
Coating Method	1. Coating can be done by either brush, roller, or airless spray coating. 2. Airless spray coating: - Tip diameter : 0.017"~0.021" - Injection pressure : More than 2500 P.S.I (176kg/㎠) - Store the coating equipment after cleaning with an exclusive thinner immediately after use
Preceding & Follow-up Coating	1. Preceding coating : DHDC-9600 (Anti-static epoxy primer)
Remarks	1. Sufficient performance after last coating is achieved after drying for 15 days at 20℃. 2. The surface resistance may not meet the standard when forming a second coat. 3. Avoid use when the temperature is below 10℃ or the relative humidity is above 85%, and the surface temperature should be 3℃ above the dew point. If you deviate from the recommended coating conditions, coating defects such as cracking and peeling of the coating film due to delayed curing, decreased gloss, amine brushing, and tackiness may occur, so please follow the recommended coating conditions.□