

QD PRIMER DHDC-0291

Fast drying type anti-corrosive primer



This paint is made by mixing special synthetic resins and anti-corrosive pigments. It is a fast-drying anti-corrosive primer with good oil resistance, adhesion, and anti-corrosive properties for steel surfaces. It is an economical paint that is excellent in elasticity and adhesion and is widely used as an anti-corrosive primer for steel structures that are not immersed in water. In particular, it is a paint with an advantage of greatly reducing the handling time after painting by improving its drying properties, which is a disadvantage of conventional anti-corrosive paints, allowing it to dry fast.

Usage

Anti-corrosive paint for general steel

Specification

Paint type	Modified alkyd / Anti-corrosive primer			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	10 minutes	5 minutes	3 minutes
	Dry-hard	1 hour	30 minutes	20 minutes
	Over-coat(Min.)	48 hours	36 hours	24 hours
Thinner	DR-306	Dilution ratio	▷ Brush, roller coating: less than 15% ▷ Airless, spray coating: less than 10%	
Specific gravity	Approx. 1.38			
Theoretical Coverage	12.8m ² /ℓ	Solid volume ratio	Approx. 45±1%	
Color	Reddish brown	Thickness of dried film	35μm	
Mixing ratio	1-component	Shelf life	6 months (Dry, cool, and dark place with good ventilation)	
Gloss	Matte			

Product Properties (Physical Property Data)

Film property	Oil resistance, adhesion, and anti-corrosive properties are good.
Elasticity	Elasticity for metal expansion is excellent.

How to Use

Surface treatment	<ol style="list-style-type: none">1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. The degree of surface treatment should be of at least SSPC-SP2, SP3, the degree of surface treatment to obtain an excellent steel protection effect should be at least SSPC-SP 6 or Sa2 (Commercial blast cleaning).2. Sufficiently dry the surface to be coated.3. For steel, apply immediately after surface treatment.4. After primer coating, clean up the welded areas (blackened and rusted areas) with a disc sander. Then, touch up with this paint and continue coating.
Coating Method	<ol style="list-style-type: none">1. Coating can be done by either brush, roller, air or airless spray coating.2. Airless spray coating:<ul style="list-style-type: none">- Tip diameter : 0.015"~0.019"- Injection pressure : More than 2,500 P.S.I.(176kg/cm²)(Airless spray data are for reference only, and it is adjusted according to the coating conditions.)3. Coating conditions: The surface of the substrate must be clean. The surface temperature should be at least 3°C higher than the dew point to avoid the condensation of water, and the relative humidity should be less than 85%.
Preceding & Follow-up Coating	<ol style="list-style-type: none">1. Follow-up coating: General ready mixed paint, alkyd paint, and phenol resin paint are suitable.
Remarks	<ol style="list-style-type: none">1. Product with similar specifications: JSK-K-5622(Type 2), KSM-6030(Type 1, Grade 3), TT-P-86G(Type 3)2. Precautions<ul style="list-style-type: none">- This paint cannot be used in areas that will be immersed in water. If used, the brittle phenomenon in which the coating crumbles occurs.- This product may deteriorate over time, so please use within 6 months from the date of manufacture.