

# NORUMEL DHDC-0211



## Alkyd red lead anti-corrosive primer (orange)

**NORUMEL RED LEAD ANTI-CORROSIVE PRIMER** is a paint made by mixing excellent alkyd resin and the anti-corrosive pigment. It is excellent in physicochemical properties against steel surfaces, adhesion and corrosion resistance. It also has excellent elasticity for expansion of metal and adhesion, and is widely used as an anti-corrosive primer for steel structures. This product should be used for non-flooded areas.

Usage Anti-corrosive paint for general steel

### Specification

Paint type	Alkyd / Anti-corrosive primer			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	2 hours	1 hour	30 minutes
	Dry-hard	12 hours	6 hours	4 hours
	Over-coat (Min.)	24 hours	12 hours	8 hours
Thinner	DR-306	Dilution ratio	▷ Brush, roller coating: less than 15%	
Specific gravity	Approx. 1.44(Based on reddish brown)		▷ Spray coating: less than 20%	
Theoretical Coverage	7.8m <sup>2</sup> /ℓ (1time - 60μm)	Solid volume ratio	▷ Airless, spray coating: less than 10%	
Color	Reddish brown	Thickness of dried film	Approx. 48±1%	
Mixing ratio	1-component	Shelf life	60μm	
Gloss	Matte		12 months (Dry, cool, and dark place with good ventilation)	

### Product Properties (Physical Property Data)

Film property	Corrosion resistance and adhesion are excellent.
Elasticity	Elasticity for metal expansion is excellent.

### How to Use

Surface treatment	<ol style="list-style-type: none"> <li>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).</li> <li>2. Sufficiently dry the surface to be coated.</li> <li>3. For steel, apply immediately after surface treatment.</li> <li>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.</li> </ol>
Coating Method	<ol style="list-style-type: none"> <li>1. Coating can be done by either brush, roller, air or airless spray coating.</li> <li>2. Airless spray coating: <ul style="list-style-type: none"> <li>- Tip diameter : 0.015"~0.019"</li> <li>- Injection pressure : More than 2,500 P.S.I.(176kg/cm<sup>2</sup>)</li> </ul>                     (Airless spray data are for reference only, and it is adjusted according to the coating conditions.)                 </li> <li>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%.</li> </ol>
Preceding & Follow-up Coating	1. Follow-up coating: General ready mixed paint, alkyd paint, and phenol resin paint are suitable.
Remarks	<ol style="list-style-type: none"> <li>1. Product with similar specifications: JSK-K-5622(Type 2), KSM-6030(Type 1, Grade 3), TT-P-86G(Type 3)</li> <li>2. Precautions <ul style="list-style-type: none"> <li>- This paint cannot be used in areas that will be immersed in water. If used, the brittle phenomenon in which the coating crumbles occurs.</li> </ul> </li> </ol>