

URETHANE UNIVERSAL PRIMER



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This paint is an anti-corrosive formulated with highly effective anti-corrosive pigments and urethane resin. It is an acrylic urethane type anti-corrosive coating that provides excellent resistance to water, salt water and oil. It has excellent adhesion properties, making it suitable for various non-ferrous metals and steel structures where blast surface treatment is not possible. It can be overcoated with various topcoats such as epoxy, urethane and alkyd.

Recommended use

Primer for non-ferrous metals such as galvanized steel, stainless steel and aluminum, as well as for steel surfaces where blast surface treatment is not possible.

Specification

Paint type	Acrylic Urethane anti-corrosive and non-ferrous metal primer (two-component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	1.5 hours	30 minutes	15 minutes
	Dry-through	12 hours	4 hours	2 hours
	Over-coat (Min.)	18 hours	6 hours	3 hours
	Over-coat (Max.)	2 days	1.5 days	1 day
	Induction time	30 minutes	20 minutes	10 minutes
	Pot life	16 hours	5 hours	3 hours
<small>Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site.</small>				
Thinner	DR-700L	Dilution ratio	▷ Brush/roller application : up to 15%	
Specific gravity	Approx. 1.4e± 0.05		▷ Airless/Spray application : up to 10%	
Theoretical coverage	10 m ² /L (50μm)	Solid volume ratio	Approx 50±1 %	
Color	Red-brown, Gray, other colors	Thickness of dried film	50μm	
Mixing ratio	Base(A)/Hardener(B)=3/1(volume)	Flash point	At least 7°C	
Shelf life	12 months	Gloss	Flat	

How to use

Surface treatment	<p>Completely remove oil, moisture, sand, dust and any other foreign substances from the surface to be painted.</p> <p>Thoroughly dry the surface to be painted before application</p> <p>No special surface preparation such as blasting is required (except for submerged areas)</p> <p>In repair painting, completely remove poorly adhering old coatings, rust and mill scale by hand tools or power tools.</p> <p>After primer coating, clean up the welded areas (blackened and rusted areas) with a disc sander.</p> <p>Then, touch up with this paint and continue coating.</p> <p>For highly glossy and smooth galvanized steel sheets (such as deck plates) a trial coating is required, and surface treatment with sandpaper is recommended, if necessary, to improve adhesion.</p>
Coating Conditions	<p>1. Coating can be done by either brush, roller, or airless spray coating.</p> <p>2. Airless spray coating :</p> <ul style="list-style-type: none"> - Tip diameter : 0.015"~0.019" - The used painting instrument must be cleaned with a dedicated diluent immediately after use.
Subsequent coating	<p>1. Subsequent coating : Urethane-based, Fluororesin-based, Epoxy-based</p>
Remark	<p>1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C.</p> <p>2. For substrates such as plastic, PCM, acrylic boards and tiles, proceed with coating only after a trial application confirms no abnormalities.</p>

NOROO 노루페인트