

# URETHANE

**This paint is a multi-purpose urethane, which is a non-yellowing polyurethane paint with excellent weather resistance. It has a firm coating film, water resistance, chemical resistance and excellent dry film appearance. It is a high-grade construction cost-saving top coat that can be applied immediately without an undercoating due to its especially excellent adhesion to various materials.**

Usage	<p>Various steel, galvanized steel sheets, stainless steel and nonferrous metals</p> <p>Concrete mortar and various inorganic surfaces (glass, ceramic materials)</p> <p>Various old film repair (particularly, old alkyd film)</p>
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## Specification

Paint type	Acrylic urethane / top coat(non-yellowing type) (Two-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	1 hour	30 minutes	20 minutes
	Dry-hard	24 hours	18 hours	12 hours
	Over-coat (Min.)	24 hours	18 hours	12 hours
	Over-coat (Max.)	1 month	15 days	7 days
	Maturation time	30 minutes	20 minutes	10 minutes
	Pot life	12 hours	6 hours	4 hours
Thinner	DR-1100	Dilution ratio	▷Brush, roller coating: Paint can be applied without dilution	
Specific gravity	Approx. 1.2(Based on white color)		▷Air spray coating: less than 10%	
Theoretical Coverage	14.3 m <sup>2</sup> /ℓ (1 time - 35μm)	Solid volume ratio	Approx. 50±1%	
Color	White, other colors	Thickness of dried film	35μm	
Mixing ratio	Base(A)/Hardener(B)=3/1 (Volume ratio)	Flash point	At least 27℃	
Gloss	Glossy	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

### Product Properties (Physical Property Data)

Superior adhesion	Adhesion to steel and nonferrous metal bases is excellent.
Acrylic urethane	It is a two-component acrylic urethane product with excellent weather resistance under outdoor environmental conditions.

## 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.</li> <li>2. Sufficiently dry the surface to be coated before coating.</li> <li>3. Special surface treatment such as blasting is not necessary.</li> <li>4. For nonferrous metals such as aluminum, copper, etc., light sandpapering is recommended before coating.</li> <li>5. When repairing the old coating, removal may be necessary depending on the adhesion of the coating.</li> <li>6. Poor adhesion may occur if silicone contamination is present. After sanding and solvent cleaning, apply a trial coat to check adhesion and appearance before applying the main coat.</li> </ol>
Coating Method	<ol style="list-style-type: none"> <li>1. Brush, roller, or airless spray coating</li> </ol>
Preceding & Follow-up Coating	<ol style="list-style-type: none"> <li>1. Preceding coating : metallic - EVACOA MULTI-PURPOSE PRIMER, WASH PRIMER concrete mortar - Solvent type epoxy primer DNY-200</li> </ol>
Remarks	<ol style="list-style-type: none"> <li>1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C.</li> <li>2. It is not recommended for immersed surfaces.</li> <li>3. For one coat, about 35μm is appropriate, and if a thick coating is formed during one coat, sagging, bubbling, and popping may occur.</li> <li>4. Two coats can impart excellent adhesion, film strength, appearance and gloss.</li> <li>5. It is recommended to use without dilution during repair coating on the old alkyd coating. Use a small amount of DR-1100 when a thinner is required.</li> <li>6. Since air bubbles may be generated during airless coating, use ANYTHANE BG type paint for airless coating.</li> <li>7. Colors containing orange and red may be quickly discolored by UV rays when exposed outdoors, so urethane clear coat is recommended to delay discoloration.</li> </ol>