

# REL-PON 28

## Epoxy amine-adduct primer, high build



This paint is a high build epoxy primer made by using epoxy resin and the best anti-corrosive pigment. It is a coating material for tank lining designed as an primer for petroleum solvent tanks due to its excellent adhesion, water resistance, salt water resistance and solvent resistance. It also has excellent adhesion to stainless steel surfaces, so it can be used as an primer for stainless steel surfaces.

### Usage

Steel tank interior primer (petroleum solvent, etc.), stainless steel surface primer

### Specification

Paint type	Epoxy / Anti-corrosive primer / High build (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	2 hours	1 hour	40 minutes
	Dry-hard	24 hours	18 hours	16 hours
	Over-coat (Min.)	32 hours	24 hours	20 hours
	Over-coat (Max.)	2 months	1 month	15 days
	Maturation time	1 hour	30 minutes	20 minutes
	Pot life	16 hours	12 hours	8 hours
Thinner	DR-100	Dilution ratio	▷ Brush, roller coating: less than 15% ▷ Airless, spray coating: less than 10%	
Specific gravity	Approx. 1.4			
Theoretical Coverage	4.5 m <sup>2</sup> /ℓ (1time - 100μm)	Solid volume ratio	Approx. 45±1%	
Color	Gray, reddish brown	Thickness of dried film	100μm	
Mixing ratio	Base(A)/Hardener(B)=9/1 (Weight ratio)	Flash point	At least 7°C	
Gloss	Matte	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

### Product Properties (Physical Property Data)

Primer for tanks	A two-componet epoxy amine-adduct primer for petroleum solvent for metal tanks (high-build type)
Excellent film property	Adhesion, oil resistance, salt water resistance, and solvent resistance are 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 to obtain an excellent steel protection effect should be at least SSPC-SP 10 or Sa2.5 (near white metal blast cleaning).The surface roughness should not exceed 75 μm.</li><li>2. For steel, apply immediately after surface treatment.</li><li>3. 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. Although coating can be done by either brush or airless spraying, airless spray coating is best.</li><li>2. Airless spray coating:<ul style="list-style-type: none"><li>- Tip diameter : 0.019"~0.025"</li><li>- Injection pressure : More than 3000 P.S.I.(210kg/cm<sup>2</sup>)</li><li>- Store the coating equipment after cleaning with an exclusive thinner immediately after use.</li></ul></li></ol>
Preceding & Follow-up Coating	<ol style="list-style-type: none"><li>1. Follow-up coating : Epoxy resin paint(REL-PON 29), urethane resin, PVDF paint</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. For coating areas exposed to the outside, yellowing and chalking may occur in a short period of time due to the effect of sunlight. Upon coating for areas exposed to the outside, be sure to apply top coat.</li></ol>