

REL-PON 29

Epoxy amine-adduct top coat, high build



This paint is an epoxy type top coat with a hard film and excellent adhesion. It is a recommended paint as a top coat for the inside of various tanks for water, petroleum and solvents by using REL-PON 28 as an primer. As it is a high build paint that can be applied as the dry film at a thickness of up to 100 μ m in one coat, it has an advantage of being able to shorten the painting process.

Usage

Top coat for various tanks and inside of petroleum tanks

Specification

Paint type	Epoxy / top coat / 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	10 hours	8 hours
	Over-coat (Min.)	32 hours	24 hours	18 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%	
Specific gravity	Approx. 1.4		▷ Airless, spray coating: less than 10%	
Theoretical Coverage	4.5 m ² /ℓ (1 time - 100 μ m)	Solid volume ratio	Approx. 45 \pm 1%	
Color	White, other colors	Thickness of dried film	100 μ m	
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)

Top coat for tanks	A two-component epoxy amine-adduct top coat 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">1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated.2. Sufficiently dry the surface to be coated before coating.3. The welded parts and corners need to be cleaned before coating.
Coating Method	<ol style="list-style-type: none">1. Although coating can be done by either brush or airless spraying, airless spray coating is best.2. Airless spray coating :<ul style="list-style-type: none">- Tip diameter : 0.019"~0.025"- Injection pressure : More than 3000 P.S.I (210kg/cm²)- Store the coating equipment after cleaning with an exclusive thinner immediately after use.
Preceding & Follow-up Coating	<ol style="list-style-type: none">1. Preceding coating: Epoxy system paint(REL-PON 28)
Remarks	<ol style="list-style-type: none">1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C.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.