

Anti-rust top coat

NO MORE RUST AP089

NETIS Registration No.KT-120046-A

Good match with EP039

**Superb capability of anti-corrosion,
weather proof, chemical resistance.
Strong coating suppresses the rust for a long time.**

Anti-corrosion, weather proof, chemical resistance and shock proof.

Top coat which suppresses the rust for a long time.

Free from lead and chrome for environment safety.

Good match with NO MORE RUST EP039 and enhances the anti-rust capability.



Formaldehyde emission grade F☆☆☆☆
Registration No. T18029 (indoor use only)

[Color] Select from Japan Paint Industry Association No.

[Quantity] 4.2kg set (Part A 3.5kg, Part B 0.7kg)

[Theoretical Spreading Rate] Approx. 35m² (120g/m²)

[Fully time] Approx. 8 hours (at 20°C 60% humidity)

[Mixing Ratio] Part A:Part B = 5:1 (weight ratio)

■Area is approximate and it varies by application.

■Above figures may vary depend on material, temperature and humidity.

How to use

※NO MORE RUST AP089 is a top coat, please make sure that the primer such as NO MORE RUST EP039 has been in place.

- ① Stir the "Part A" with electronic mixer until the viscosity becomes homogeneous.
- ② Mix the "Part A" and "Part B" at 5:1 (weight ratio) for 3~5 minutes.
- ③ Apply it with brush, roller or air-less gun.
- ④ Clean the container and tools with AP Reducer or lacquer thinner.

Caution

- Usually, it can be applied right after the mixture of "Part A" and "Part B", however in cold temperature (below 10°C), induction time is needed for 30 minutes before applying.
- If necessary, use AP reducer up to 10% by weight to adjust viscosity.
- Pre-apply with brush when the object is a part of edge or bolt.
- Once opened, be sure to securely tighten the lids to the paint cans. Please use the remainder within 2 months.

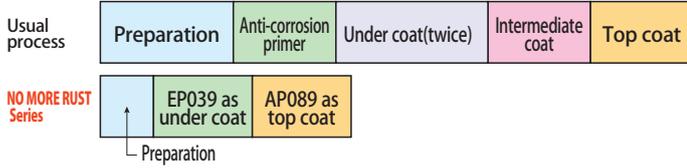
◆Reduce the application process dramatically.

Usual process requires under coat twice and, in addition, intermediate coat.
NO MORE Rust requires only one application.

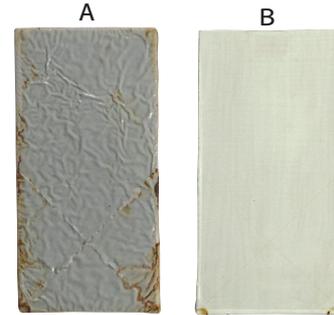
Achieves 43% reduction (※) of total application process.

※Based on the data provided for registration of NETIS (No.KT-120046-A) of New Technology Information System by Ministry of Land, Infrastructure, Transport and Tourism (MLIT).

[Process example]



◆Salt Spray Test (SST) 6,000 hours equivalent to 12 years of real environment



Name : A (left) epoxy coating (made by another company)
B (right) EP039 + AP089

Testing Method : JIS K-5600-7-1:1999

35°C/5% sodium chloride aqueous solution continuous atomization

◆NO MORE RUST AP089 Application Guide

Process	Paint, Quantity and Method
Surface Preparation	Remove remaining rust, oil, moisture and dust on the surface
Undercoat	NO MORE RUST EP039 with brush or roller (265g / m ²)
Over-coating interval	16 hours (20°C、60% humidity)
Topcoat	NO MORE RUST AP089 with brush or roller (120g / m ²)

NO MORE RUST EP039 (Under coat)/NO MORE RUST AP089 (Top coat)

◆Characteristics

Item	Characteristics
Mixing Ratio	PART A : PART B = an exact 5:1 by weight ratio
Recommended DFT	75 μm / m ² (dependant on surface conditions and requirements)
Recommended quantity of application	120g / m ²
Recommended Tools	Brush, Roller or Air less gun
Pot life*	3 ~ 5 hours (20°C、60% humidity)
Dry to touch	1 ~ 2 hours (20°C、60% humidity)
Full cure	8 hours (20°C、60% humidity)

*maximum usable duration after mixture

◆Performance Characteristics

Item	Result	Test method
Shock resistance	Pass	JIS K 5600-5-3 DuPont Method 300g 50cm
Adhesion	100/100	JIS K 5600-5-6 Cross Cut Method 2mm x 2mm
Alkali tolerance	Pass	JIS K 5600-6-1 Soak in 5% sodium hydroxide 23°C 168 hours
Gasoline resistance	Pass	JIS K 5600-6-1 Soak in Testing Volatile oil 3 23°C 168 hours
SST *Salt Spray Test	Pass	JIS K 5600-7-1 Spray 5% Sodium chloride 35°C 6,000 hours
Cycle corrosion test	Pass	JIS K 5600-7-9 Cycle D (Salt Spray: 30°C 0.5 hour) → (Wet: 95% humidity 1.5 hours) → (Hot Air Drying: 50°C 2 hours) → (Warm Air Drying: 30°C 2 hours) 120 cycles
Heat Cycle Test	Pass	(-50°C:1 hour) → (30°C:1 hour) 10 cycles → JIS K 5600-5-6 Cross Cut Method 2mm x 2mm Cross Cut

※Recommended quantity was used for the tests. Adjust the quantity in accordance with the situation

*All items listed in the catalog are subject to change without prior notice