

WATERPON #080DS



This paint is a waterborne fast-drying temporary rust-resistant paint which consists of waterborne alkyd, denatured acrylic resin, and rust-resistant pigments. It is painted using an air/airless spray onto various steel structure such as C-type beam, square pipe, and deck plate. It dries quickly and offers superior adhesiveness and satisfactory mechanical performance.

Usage

Painting various steel structure including C-type beam, square pipe, deck plate, farming tools, general industry steel products

Specification

Paint type	Alkyd denatured acrylic resin paint		
Drying time	Category	100 °C	Mid-frequency induced heating at 85 °C
	Dry-through	12 minutes (drying oven)	
Thinner	Water (tap water) or additive for Waterpon	Dilution ratio	60 - 80 (% , vl)
Paint viscosity	80 ± 5 (KU/25 °C)	Color	Red brown, blue, black, gray
Specific gravity	1.25 ± 0.05 (25 °C)	Gloss (60°)	G: 5 or below
Thickness of dried film	15 - 18 μm	Solid	40 ± 5 (%)
Wet film thickness	30 - 40 μm	Recommended top coat	Ready mixed paint
Theoretical Coverage	18 - 23 (m ² /ℓ, 15 μm, 90% delivery efficiency)	※Property values of the paint may differ depending on color and purpose.	

Product Properties (Physical Property Data)

Adhesiveness	100/100 Cross Cut (1mm)	KS M ISO 2409	Above 2 ñ
Water resistance	20 ± 2 °C * Dip for 48 hours	KS M ISO 2812	R.N. Above 9.8 - 3 (Refer to KS D-9502.)

* The substance values above are from lab results and may differ depending on working conditions of the painting line.

How to Use

Surface treatment	• Completely remove oil, moisture, sand, dust and foreign substances from the surface.			
	• The rust on the painting surface must be removed for the product to perform.			
	• Dry the target surface sufficiently after surface treatment.			
Coating Method	• Airless spray			
	Recommended thinner	Tap water	Dilution viscosity	18 - 25 seconds (Ford cup #4/25 °C)
	Recommended coating tool	—	Spray pressure	4 - 5 kg/cm²
	• Air spray			
	Recommended thinner	Tap water	Dilution viscosity	18 - 25 seconds (Ford cup #4/25 °C)
	Recommended coating tool	—	Spray pressure	4 - 5 kg/cm²

Caution

Usage precautions	• Stir the paint well prior to use.
	• Apply a different tip size depending on the size of the manufacturing product.
Other precautions	• Store the paint in a cool, dark area and avoid direct sunlight. Shelf life is 6 months.
	• Use a drum product within 3 months.

► This data sheet is based on the test results and knowledge that NOROO produced or possesses, and may change without notice for quality improvement.