

CLEAR SEALER DNX-4001 (OPAQUE)

Water-based surface treatment

This product is a semi-transparent coating formulated with a special synthetic resin emulsion and surfactants.

In particular, when used as a primer for maintenance painting, it can be applied thinly over severely chalked surfaces or old coatings to enhance topcoat hiding, adhesion, durability, alkali resistance, and weather resistance, while also preventing efflorescence and reinforcing the strength of concrete and mortar substrates.

In addition, the use of this primer contributes to economical efficiency by reducing the amount of topcoat required.

Usage

Water-based primer for interior and exterior applications in new construction and maintenance painting

Specification

Paint type	Acrylic emulsion / Water-based interior, exterior surface treatment			
Drying time	Category	5°C	20°C	30°C
	Dry-through	8 hours	5 hours	4 hours
	Re-coating (min.)	6 hours	5 hours	3 hours
Thinner	Tap water (Dilution rate: up to 100%, volume ratio) (Depending on on substrate and purpose)	Coating Method	Brush, roller, spray coating	
Specific gravity	Approx. 1.0	Solid volume ratio	Approx. 17%	
Theoretical Coverage	9~13m ² /ℓ/2coats	Thickness of dried film	15μm	
	※ The application amount may vary depending on the absorption and porosity of the substrate.			
Re-coating interval	20°C, sufficient ventilation for a minimum of 5 hours			
Storage and preservation	12 months (Dry, cool, and dark place with good ventilation, room temperature 5°C~30°C, humidity less than 80%)			
Eco label certification reason	Reduction of regional environmental pollution, hazardous substances, living environmental pollution			

Product Properties (Physical Property Data)

Excellent surface strengthening	Enhances adhesion, durability, alkali resistance, and weather resistance of the topcoat.
Opaque primer	Improves topcoat hiding performance
Outstanding cost efficiency	Reduces topcoat material consumption

How to Use

Surface treatment	<ol style="list-style-type: none">1. After sufficient curing of the substrate (at least 30 days for new concrete), thoroughly remove dust, dirt, oil, and other contaminants.2. For maintenance painting, completely remove aged or deteriorated existing coatings using a scraper, wire brush, or disc sander before application.
Coating Method	<ol style="list-style-type: none">1. Apply a thin and uniform coat in one direction with a brush or roller according to the specifications above. If necessary, dilute appropriately with tap water to avoid excessive film thickness.2. When applying with a roller, use a short-nap oil roller.