NORUSOL

Water-based repellent paint DX-1729

This paint is an exterior paint made of selected high-grade acrylic emulsion and pigment with excellent weather resistance. In terms of physical properties, it is a paint with excellent alkali resistance, washability resistance, water resistance, and weather resistance, suitable for new buildings (e.g., concrete mortar, P.C., plaster, etc.) or for repair painting. In particular, it is a special grade water-based paint with water repellency, blocking water penetration from the outside thereby preventing aging of the building.

Usage	Finish coating for exterior walls of alkaline material such as concrete, cement mortar, P.C., plaster, etc.

Specification

Paint type	Acrylic emulsion water-based exterior / Top coat

Drying time

Category	5℃	20℃	30℃
Set-to-touch	1 hour	30 minutes	20 minutes
Dry-through	3 hours	1 hour	40 minutes
Time required for re-coating (min.)	6 hours	3 hours	2 hours

Thinner	Tap water(dilution rate: up to 20%, volume ratio)	Coating Method	Brush, roller, spray coating
Specific gravity	Approx. 1.36(based on white color)	Solid volume ratio	Approx. 42%(based on white color)
Theoretical Coverage	6~7㎡/ℓ/2times	Thickness of dried film	60㎛ (2coats recommended)
Re-coating interval	20℃, sufficient ventilation for a minimum of 3 hours	Color	White, other colors
Gloss	Matte		
Storage and preservation	12 months (Dry, cool, and dark place with good ventilation, room temperature 5℃~30℃, humidity less than 80%)		

Product Properties (Physical Property Data)

Excellent water repellency	Due to the dense film structure, water repellency is excellent.
KS Standard	It is a KS marked item corresponding to KS M 6010 class 1 grade 1.
Excellent film property	Alkali resistance, washability resistance, water resistance, weather resistance and durability are excellent.

How to Use

Surface treatment

1. The material should be sufficiently cured (cured more than 30 days at 20℃)
2. Laitance, dust, oil and other contaminants on the surface must be completely removed.
3. The proper pH of the material must be less than 9, and the percentage of moisture content must be less than 6%.
4. The gaps and grooves on the surface must be filled with exterior water-based putty, and surface adjustment should be made before coating.

Coating Method

1. Primer
① After surface treatment, dilute the water-based permeable sealer DNX-4001 with water up to 100%, and apply once at a dry film thickness of 15㎛ with a roller or brush.
② For areas where the absorption of the surface is severe, apply once more coating.
2. Top Coat
① After at least 3 hours at 20℃ following undercoating, apply this paint twice to get a dry film thickness of 60㎛ with a brush, roller or spray.
② At this time, apply by diluting with water up to 20%.
③ After 2 coats, the re-coating interval is at least 3 hours after the first top coating at 20℃.