

Q-fit CLEANSOL(MATTE)

100% Acrylic water-based paint

Unlike general water-based paints, this paint is specially designed by carefully selecting only 100% acrylic emulsion and pigment with excellent durability. As it forms a hard and dense film, contamination by air pollutants is remarkably reduced, thereby maintaining a clean appearance at the initial painting for a long period of time. Moreover, as there is almost no chalking and no damage to coat durability caused by ultraviolet rays, it is a high-grade exterior water-based paint with low contamination and high weather resistance, boasting 10 years of weather resistance.

Usage

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

Specification

Paint type	100% acrylic emulsion water-based exterior / Top coat			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	3 hours	2 hours	1 hour
	Dry-hard	6 hours	3 hours	2 hours
	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. 1.46(based on white color)		Solid volume ratio	Approx. 34%(based on white color)
Theoretical Coverage	5.67 m²/ℓ/2times		Thickness of dried film	59.96μm (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)

Superior weather resistance	As a 100% acrylic paint, there is less chalking and discoloration even after long-term exposure.
Low staining	Due to its low staining properties, the exterior of buildings can be maintained clean.
Excellent economic feasibility	It is economical as the re-coating interval is long.

How to Use

Surface treatment	<ol style="list-style-type: none">1. The material should be sufficiently cured (cured more than 30 days at 20°C)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.5. After the substrate treatment, if necessary, apply 15μm D.F.T. of Waterbased Penetrative Sealer DNX-4001 with a roller or a brush to prevent poor adhesion and discoloration defects.6. For areas where the absorption of the surface is severe, apply once more after at least 3 hours at 20°C.
Coating Method	<ol style="list-style-type: none">1. Apply twice to get a dry film thickness of 60μm with a roller, brush 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°C.