

Q-fit MASTER

100% Acrylic water repellent/waterproof coating

This paint is high weather-resist exterior paint with 100% acrylic emulsion and pigments with excellent weather resistance. It is a high quality waterbased paint which preventing hairline crack by elastic and water repellent film with strong and dense surface. It prevents the aging of building through blocking the external water penetration. It has excellent alkali resistance, water resistance, weather resistance and cleaning resistance. It is suitable for refinishing or new building with concrete mortar, precast concrete or plaster.

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℃
	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	60μm (2coats recommended)	
Re-coating interval	20℃, sufficient ventilation for a minimum of 3 hours	Color	White, light colour	
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.
Flexible elastic film	Elastic film covers hairline crack and prevents leaking and bad appearance.
KS Standard	It is a KS marked item corresponding to KS M 6010 class 1 grade 1.
Superior weather resistance	As a 100% acrylic paint, there is less chalking and discoloration even after long-term exposure.

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.