

# Q-fit WATER-BASED SILICONE PAINT(RS)



Unlike general exterior water-based paints, this paint is specially designed by carefully selecting only acrylic modified silicone resin with excellent durability and inorganic pigment with excellent weather resistance. It is a premium exterior water-based paint with high water resistance and low contamination that does not chalk due to ultraviolet rays, prevents penetration of water with strong siloxane bond of silicone resin, and maintains a clean appearance at the initial painting for a long period of time due to its excellent durability.

## 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-hard	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. 1.40(based on white color)	Solid volume ratio	Approx. 41%(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, 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	It is a high weather-resistant paint that does not chalk under UV rays thanks to the specially designed mix based on carefully selected inorganic pigments with excellent weather resistance. (It is a RS certified product)
Excellent durability	Silicone resin has a dense film composition due to the siloxane bond, which is a stable and strong chemical bond, thereby having excellent durability.
Excellent water resistance	As a resin with a reduced content of hydrophilic material is used, water resistance is excellent.

## How to Use

Surface treatment	<ol style="list-style-type: none"><li>1. The material should be sufficiently cured (cured more than 30 days at 20°C)</li><li>2. Laitance, dust, oil and other contaminants on the surface must be completely removed.</li><li>3. The proper pH of the material must be less than 9, and the percentage of moisture content must be less than 6%.</li><li>4. The gaps and grooves on the surface must be filled with exterior water-based putty, and surface adjustment should be made before coating.</li><li>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.</li><li>6. For areas where the absorption of the surface is severe, apply once more after at least 3 hours at 20°C.</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Apply twice to get a dry film thickness of 60μm with a roller, brush or spray.</li><li>2. At this time, apply by diluting with water up to 20%.</li><li>3. After 2 coats, the re-coating interval is at least 3 hours after the first top coating at 20°C.</li></ol>