

NEW WATERTAN

# NEW WATERTAN



New Watertan is a waterproof paint using water-soluble acrylic emulsified urethane resin with one-component water-soluble type. It has strong elasticity, adhesion force and durability and forms a coating film with excellent waterproof property. Therefore, it prevents water from penetrating into cracks due to contraction and expansion due to temperature difference of architectural base, It is a water-soluble paint suitable for waterproofing roofs and flat roofs with a slope that is gentle and protected.

## Usage

Used on concrete, block and brick that require waterproof property

## Application Procedure

<b>Procedure</b>	<ol style="list-style-type: none"><li>1. Surface Preparation<ol style="list-style-type: none"><li>1) The surface to be coated must be cured sufficiently.</li><li>2) Prepare the surface free from any loose cement, dust, Oil, moisture and other contaminants.</li><li>3) In case of high strength concrete (260kgf / <math>\text{m}^2</math> or more), it may cause bad adhesion, so it is necessary to perform surface treatment by blasting method and check adhesion performance.</li><li>4) Please coat after EPOCOAT AQUA Primer coating.</li></ol></li><li>2. Environmental conditions<ul style="list-style-type: none"><li>Air temperature : 5~35°C</li><li>Surface temperature : up to 40°C</li><li>Relative humidity : up to 80%</li><li>Dew Point : over 3°C</li></ul></li><li>3. Application Equipment<ul style="list-style-type: none"><li>Brush, Roller, Spray</li></ul></li></ol>
<b>Caution for Usage</b>	<ol style="list-style-type: none"><li>1) Avoid applying paint on rainy days, high humidity (over 80%), low temperature (below 5 °C), and high temperature (over 40 °C surface temperature). (Coating film crack, adhesion failure, bubble generation may occur)</li><li>2) Allow the surface to dry thoroughly. (Relative humidity 80% or less at 25 °C, curing for more than 28 days)</li><li>3) Completely remove Laitance, dust, oil and other contaminants on the surface of the substrate (sand blasting, DIAMOND WHEEL GRINDING or 10% HCL pickling)</li><li>4) In case of high strength concrete (260 kgf / <math>\text{m}^2</math> or more), it may cause defective adhesion during grinding process. Therefore, perform surface treatment by blasting method and check the adhesion performance.</li><li>5) Suitable pH value of substrate surface is 7 ~ 9 (Parallel water content less than 6%).</li><li>6) Be careful because excessive dilution may cause problems.</li><li>7) Apply the corresponding primer (Epocoat Aqua Primer or Epocoat Primer) to the surface.</li><li>8) If Epocoat Aqua Primer is applied to the surface for more than 2 days, apply Epocoat Aqua Primer thinly to reinforce interlayer adhesion coordination with New Watertan.</li><li>10) If exposed to rain, snow, etc., Apply Epocoat Aqua primer thinly to surface after drying for more than 3 days.</li><li>11) When applying more than 2mm (based on wet coating) on one painting, it may cause cracking of coating film or delay drying time. Please apply 2 or 3 times as much as possible.</li><li>12) Use masking tape to prevent contamination outside the painting area.</li><li>13) If the coating film is applied after coating, the water inside the coating film will not volatilize and the physical properties of the coating film may deteriorate (film breakage, drying delay, marking).</li><li>14) New Watertan is not allowed to pass through vehicles, and should not be used for any purpose other than waterproofing purposes.</li></ol>

NEW WATERTAN

# NEW WATERTAN



	<p>15) please keep the paint freeze.</p> <p>16) Be careful not to over-dilute, as it may cause poor hiding power, scratch resistance and film strength.</p> <p>17) If moisture is present on the surface, it may cause problems of poor adhesion.</p> <p>18) Do not use for flooring of indoor cement.</p> <p>19) Store the product in a dry, cool place at room temperature (5 ~ 35 °C) away from fire and direct sunlight. Keep container tightly closed with the injection port facing upward.</p>
<b>Caution for handling</b>	<p>1) Do not use any other purpose.</p> <p>2) Keep out of reach of infants and children. Do not apply to infants, children's equipment or food storage containers.</p> <p>3) This product is a water-soluble product. Avoid direct sunlight and fire when transporting, storing or handling. Store in a dry, cool place at room temperature (5 ~ 35 °C).</p> <p>4) Please keep this product container sealed so that the injection port faces upward.</p> <p>5) Avoid skin contact and odor inhalation by wearing protective equipment such as respirator mask, protective gloves, goggles, etc. during work.</p> <p>6) Be careful that the paint does not come into contact with eyes, skin</p> <p>7) If paint comes in contact with eyes and skin, wash thoroughly with running water and seek medical attention.</p> <p>8) Avoid work in a confined space, and if you unintentionally paint, ventilate it thoroughly with exhaust system before working.</p> <p>9) The remaining amount of paint after use may cause dry film or stagnation. Please use the full amount immediately after opening.</p> <p>10) Dispose of the waste paint through the waste disposal company designated by the Ministry of Environment.</p> <p>11) For other inquiries, please contact our Customer Service Center or refer to the Material Safety Data Sheet (GHS-MSDS), Technical Data, and Coating Specifications published on the website.</p>
<b>Warning</b>	Please consult our enclosed here with warning notice.
<b>Application Systems</b>	<p>Primer : EPOCOAT AQUA PRIMER</p> <p>Top : NEW WATERTAN</p>

## Physical data

<b>Finish</b>	Flat	<b>Colors</b>	Green, Grey
<b>Applied over</b>	Mortar, concrete	<b>Compenents</b>	1
<b>Volume Solid</b>	50±5%	<b>Recommended Coverage</b>	2.58Kg/m <sup>2</sup> (@ D.F.T. 1mm) Allow for application losses and surface irregularities.
<b>Coats</b>	2~3		
<b>Diluent Ratio</b>	Within 5%(Paint volume ratio)	<b>Diluent</b>	Water
		<b>Shelf Life</b>	6months(When stored indoors at 5~35°C)
<b>Packing Unit</b>	18L(18kg)		

	10°C	20°C	30°C
<b>Set to touch(based on wet film 500 μm, hour)</b>	4	3	2
<b>Full hardness (based on wet film 500 μm, hour)</b>	8	6	4
<b>Dry for recoating</b>	After 8 hours	After 6 hours	After 4 hours

NEW WATERTAN

# NEW WATERTAN



(based on wet film 500 μm, hour)			
-------------------------------------	--	--	--

※ Presented the technical data are changeable according to quality improvements or working conditions because they were acquired from the results of the laboratory tests and the scene of application