

# ENERGY SAVER COOL WARMER

## Water-based insulation paint for interior wall

This paint is an interior paint that provides a comfortable space by utilizing the heat insulation performance to keep the temperature of the coated surface cool and warm for each season, allowing for wallpaper painting due to excellent workability and appearance.

### Usage

Finish coating for interior walls of alkaline and wall paper material such as concrete, cement mortar, P.C., plaster, etc.

### Specification

Paint type	Acrylic emulsion water-based interior / Top coat		
Drying time	Category	20°C	
	Dry-Hard	1 hour	
	Time required for re-coating (min.)	3 hours	
Thinner	Tap water (dilution rate: up to 20%, volume ratio)	Coating Method	Brush, roller, spray coating.
Specific gravity	Approx. 1.07 (based on white color)	Solid volume ratio	Approx. 60 % (based on white color)
Theoretical Coverage	6 m <sup>2</sup> /ℓ	Thickness of dried film	100μm (2 - 3 coats)
Gloss	Matte	Color	White, light color
Storage and preservation	12 months (well-ventilated dry, cold and dark location, room temperature 5°C~30°C, humidity less than 80%)		

### Product Properties (Physical Property Data)

Thermal insulation	The heat loss due to heat conduction is suppressed compared with general paint due to the air layer in the coating film
Workability	Compared to existing insulating paint, this paint has excellent roller coating workability and smooth appearance.

### 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 Elastic putty, and surface adjustment should be made before coating.</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Primer<ol style="list-style-type: none"><li>① After finishing the surface treatment, paint with SOON&amp;SOO GESSO as a primer.</li><li>② For areas where the absorption of the surface is severe, apply once more coating.</li></ol></li><li>2. Top coat<ol style="list-style-type: none"><li>① After at least 3 hours at 20°C following undercoating, apply this paint 2-3 times to get a dry film thickness of 60μm with a brush, roller or spray.</li><li>② At this time, apply by diluting with water up to 20%.</li><li>③ The re-coating interval is at least 3 hours at 20°C after top coating.</li></ol></li></ol>