

# CLEANTHANE 2100(VERTICAL)

## Elastic urethane intermediate coating for waterproofing

This paint is a room-temperature curing 2K polyurethane intermediate coating suitable for rooftop waterproofing due to its excellent tensile strength, tearing strength and elongation. It is excellent in water resistance, chemical resistance and weather resistance and can form a uniform coating film. Thick coating is possible even for vertical surfaces due to the viscosity of the paint. It is an elastic urethane intermediate coating corresponding to KS F 3211 urethane rubber type 1 for vertical member that is applied to roof parapet waterproofing of general buildings and various playgrounds.

Usage

Elastic urethane intermediate coating for rooftop vertical planes and various playgrounds

### Specification

Paint type	Polyurethane resin (2-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	12 hours	7 hours	5 hours
	Dry-through	72 hours	48 hours	30 hours
	Over-coat (Min.)	48 hours	24 hours	18 hours
	Over-coat (Max.)	96 hours	48 hours	12 hours
	Pot life	60 minutes	30 minutes	20 minutes
	Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site.			
Thinner	Not Applicable	Dilution ratio	▷ No dilution	
Specific gravity	Approx. 1.40 (Based on green color)			
Theoretical Coverage	4.2 kg/m² (Based on 3mm)	Solid volume ratio	97±3 % (Mixed)	
Color	Green, gray, black	Thickness of dried film	3 mm	
Mixing ratio	Base(A)/Hardener(B)=1/3 (Weight ratio)	Flash point	70℃	
Shelf life	12 months (5 ~ 35 °C indoor storage)	Packaging unit	12 kg [Base(3 kg), Hardener(9 kg)]	

### Product Properties (Physical Property Data)

Tensile strength	More than 2.0 N/mm <sup>2</sup>	Tearing strength	More than 12.8 N/mm
Elongation rate	More than 550 %	Hardness	shore A 55 ± 10

### How to Use

Surface treatment	<ol style="list-style-type: none"><li>1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%.</li><li>2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.</li><li>3. For high-strength concrete (260kg/cm<sup>2</sup> or higher), blasting treatment should be carried out.</li></ol>
Coating Conditions	<ol style="list-style-type: none"><li>1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less.</li><li>2. Moisture content in the concrete: 6% or less.</li></ol> <p><b>During scorching heat in the summer (atmospheric temperature: 28°C or higher; surface temperature: 40°C or higher), please apply after 4 pm when the surface temperature drops.</b></p>
Coating Method	<ol style="list-style-type: none"><li>1. Reinforce cracks, crevices, and joints between walls and floors with the NEW-THANSUNG SEAL(N).</li><li>2. Apply smoothly on the undercoated surface using sawtooth scraper, rubber scraper, pitchfork, roller, etc.</li></ol> <p>Appropriate construction specifications</p> <ul style="list-style-type: none"><li>▷ Primer : CLEANTHANE 1000</li><li>▷ Intermediate coating : CLEANTHANE 2100(VERTICAL)</li><li>▷ Top coat : CLEANTHANE 3000K</li></ul>