

# SINGLETHANE GOLD(VERTICAL)

One-component elastic urethane waterproofing for exposure

This paint is a one-component elastic urethane intermediate coating that is excellent in physical performance in terms of elongation, adhesion, elasticity and impact resistance. In particular, as a one-component type, it can be used immediately without stirring the base and the hardener and can be applied to vertical surfaces. It is a one-component elastic urethane waterproofing material that is excellent in the elongation and elastic effect of coating. Thick coating is possible even for vertical surfaces due to the viscosity of the paint. It is a paint suitable for the waterproofing of vertical surfaces.

Usage

Waterproof coating exclusive for rooftops and exposed areas

## Specification

Paint type	Polyurethane resin (One-component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	12 hours	7 hours	5 hours
	Dry-through	72 hours	24 hours	18 hours
	Over-coat (Min.)	3 days	1 day	18 hours
	Over-coat (Max.)	4 days	3 days	1.5 days
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. 1.5			
Theoretical Coverage	5.0 kg/m <sup>2</sup> (Based on 3mm)	Solid volume ratio	More than 90 %	
Color	Green	Thickness of dried film	3 mm	
Flash point	33 °C	Shelf life	6 months	
Packaging unit	18 kg			

## Product Properties (Physical Property Data)

Tensile strength	More than 2.5 N/mm <sup>2</sup>	Elongation rate	More than 450 %
Tearing strength	More than 14.7 N/mm	Hardness	shore A 60 ± 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>
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 SINGLETHANE with sawtooth scraper, rubber scraper, pitchfork, etc. by dividing into primary scapping (0.5~1.0mm) and secondary main coating. Applying a thick coat (2mm or more) at once may cause drying failure.</li></ol> <p>Appropriate construction specifications</p> <ul style="list-style-type: none"><li>▷ Primer : CLEANTHANE 1000</li><li>▷ Intermediate coating : NEW SINGLETHANE</li><li>▷ Top coat : CLEANTHANE 3000K</li></ul>