

ECO-TANSUNGTAN HYBRID INTERMEDIATE COAT



This paint is a two-component polyurethane intermediate coat that cures at ambient temperature. It has excellent tensile strength, tearing resistance, and shock resistance, allowing for high-build films can be obtained in a single coat. Additionally, it exhibits good leveling and elasticity. As an exposed-type waterproofing and flooring material, it is well-suited for construction waterproofing(KS F 3211) and parking lot(KS F 4937) applications.

Usage	Flooring for concrete surfaces requiring high elasticity such as rooftop waterproofing and parking lot.
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Specification

Paint type	Polyurethane resin (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set to Touch	12 hours	6 hours	4 hours
	Dry-through	48 hours	24 hours	15 hours
	Over-coat (Min.)	48 hours	24 hours	24 hours
	Over-coat (Max.)	60 hours	48 hours	48 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	DR-790	Dilution ratio	▷ No dilution	
Specific gravity	Approx. 1.35			
Theoretical Coverage	4.35 kg/m ² (3mm)	Solid volume ratio	92±3 %	
Color	Gray, other ordered colors	Thickness of dried film	2~3 mm	
Mixing ratio	Base(A)/Hardener(B)=1.9/1(Weight ratio)	Gloss	Glossy	
Shelf life	6 months	Packaging unit	20 kg [Base(13.1 kg), Hardener(6.9 kg)]	
Flash Point	60 °C			

Product Features (Physical Property Data)

Tensile strength	More than 2.5 N/mm ²	Hardness	More than 70 (Shore A)
Elongation rate	More than 450 %		

How to Use

Surface treatment	<ol style="list-style-type: none"> Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%. Completely remove oil, moisture, sand, dust, laitance and foreign substances from the surface and maintain surface smoothness For high-strength concrete (260kg/cm² or higher), blasting treatment should be carried out.
Coating Conditions	<ol style="list-style-type: none"> Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less moisture content in the concrete: 6% or less 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. Scrape (or front-putty) the concrete surface to a thickness of about 0.5 to 1.0mm to minimize the occurrence of pinholes and bubbles due to pores there. For the intermediate coat, apply the scraping in the first place and then the main coating in two separate runs.
Coating Method	<ol style="list-style-type: none"> Reinforce cracks, crevices, and joints between walls and floors with the NEW-THANSUNG SEAL. Apply smoothly on the surface of primer using a sawtooth scraper, rubber scraper, pitchfork, roller, etc. <p>※ Appropriate construction specifications</p> <p>▷ Primer : CLEANTHANE 1000</p> <p>▷ Intermediate coating : ECO-TANSUNGTAN HYBRID INTERMEDIATE COAT</p> <p>▷ Top coat : TANSUNGTAN TOP COAT (HARD, VERY HARD) DHDC-3000(H)</p>