

ECO-TANSUNGTAN HARD



ECO-TANSUNGTAN HARD is heavy-metal free and meets KS F 3888-2 standards. It is a solvent-free elastic urethane intermediate coat which has excellent adhesion, wear resistance and shock resistance. High build films can be obtained in a single coat. It has good leveling and elasticity thus it is suitable for sports stadium, parking lots. (It is recommended to apply with a scraper for parking lots.)

Usage	Multipurpose arenas, parking lots concrete surfaces requiring elasticity
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Specification

Paint type	Polyurethane resin (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set to Touch	8 hours	5 hours	3 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-700, DR-700L, DR-790	Dilution ratio	▷ No dilution
Specific gravity	Approx. 1.42 (based on green color)	Solid volume ratio	92±3 % (based on green color)
Theoretical Coverage	4.5 kg/m ² (3mm)	Thickness of dried film	3 mm
Color	Green, other ordered colors	Gloss	Glossy
Mixing ratio	Base(A)/Hardener(B)=2.5/1 (Weight ratio)	Packaging unit	20 kg [Base(14.3 kg), Hardener(5.7 kg)]
Shelf life	6 months (5~35°C Indoor storage)		
Flash Point	65°C		

Product Features (Physical Property Data)

Tensile strength	More than 5.5 N/mm ²	Hardness	Shore A 70 ~ 80
Elongation rate	More than 300%		

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. <p>of pinholes and bubbles due to pores there. For intermediate coat, apply the scrapping in the first place and then the main coating in two separate runs.</p>
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 undercoated surface using sawtooth scraper, rubber scraper, pitchfork, roller, etc. <p>Appropriate construction specifications</p> <ul style="list-style-type: none"> ▷ Primer : CLEANTHANE 1000 ▷ Intermediate coating : ECO-TANSUNGTAN HARD ▷ Top coat : TANSUNGTAN TOP COAT (HARD, VERY HARD) DHDC-3000(H)