

ECO-TANSUNGTAN SEMIHARD



ECO-TANSUNGTAN SEMI-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 athletics track and sports stadium.

Usage	Flooring material for school athletic facilities, multipurpose arenas and 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	12 hours	7 hours	5 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. 1.45 (based on green color)	Solid volume ratio	93±3 % (based on green color)
Theoretical Coverage	4.6 kg/m ² (3mm)	Thickness of dried film	2 - 3 mm
Color	Green, other ordered colors	Gloss	Glossy
Mixing ratio	Base(A)/Hardener(B)=3/1 (Weight ratio)	Packaging unit	20 kg [Base(15 kg), Hardener(5 kg)]
Shelf life	6 months (5~35°C Indoor storage)		
Flash Point	60°C		

Product Features (Physical Property Data)

Tensile strength	More than 2.5 N/mm ²	Hardness	Shore A 50 ~ 70
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. <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 SEMIHARD Intermediate coating ▷ Top coat : Topcoat for athletics track or playground (SOFT, SEMIHARD)