

TANSUNGTAN(VERY HARD)

DHDC-2000TSH

This paint is a heavy-metal free two-component non-solvent type elastic urethane intermediate coating corresponding to KS F 3888-2 (outdoor sports facility - elastic packing material). It is excellent in physical performance in terms of adhesion, abrasion resistance and impact resistance. Particularly, thick coating is possible by one coat. It is an elastic flooring material suitable for concrete floors such as inline skating rinks and parking lots due to the excellent smoothness and elasticity of the film.

Usage

Flooring material for in-line skating rinks, parking lots, etc. and concrete surfaces requiring high hardness elasticity

Specification

Paint type	Polyurethane resin (Two-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	8 hours	5 hours	3 hour
	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	1.35 (Based on green color)			
Theoretical Coverage	4.71 kg/m ² (Based on 3mm)	Solid volume ratio	86±3 % (Based on green color)	
Color	Green, other ordered colors	Thickness of dried film	2~3 mm	
Mixing ratio	Base(A)/hardener(B)=1/1.5 (Weight ratio)	Gloss	Glossy	
Shelf life	6 months	Packaging unit	20 kg [Base(8 kg), Hardener(12 kg)]	
Flash point	50 ℃			

Product Properties (Physical Property Data)

Tensile strength	More than 7 N/mm ²	Hardness	shore A 90 ± 10
Elongation rate	More than 80 %		

How to Use

Surface treatment	<ol style="list-style-type: none">1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%.2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.3. For high-strength concrete (260kg/cm² or higher), blasting treatment should be carried out.
Coating Conditions	<ol style="list-style-type: none">1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less2. Moisture content in the concrete: 6% or less <p>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>
Coating Method	<ol style="list-style-type: none">1. Reinforce cracks, crevices, and joints between walls and floors with NEW-THANSUNG SEAL.2. Apply smoothly on the undercoated surface using sawtooth scraper, rubber scraper, pitchfork, roller, etc. <p>Appropriate construction specifications</p> <p>▷ Primer : CLEANTHANE 1000</p> <p>▷ Intermediate coating : TANSUNGTAN(VERY HARD) DHDC-2000TSH</p> <p>▷ Top coat : TANSUNGTAN TOP COAT (HARD, VERY HARD) DHDC-3000(H)</p>