

TANSUNG TAN(SEMIHARD)

DHDC-2000TM



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 sports facilities (running track) and stadiums due to the excellent smoothness and elasticity of the film.

Usage

Flooring material for school athletic facilities, multipurpose arenas and concrete surfaces requiring elasticity

Specification

Paint type	Polyurethane resin (Two-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	12 hours	7 hours	5 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	1.43 (Based on green color)			
Theoretical Coverage	4.61 kg/m ² (Based on 3mm)	Solid volume ratio	93±3 % (Based on green color)	
Color	Green, other ordered colors	Thickness of dried film	2~3 mm	
Mixing ratio	Base(A)/hardener(B)=1/3 (Weight ratio)	Gloss	Glossy	
Shelf life	6 months	Packaging unit	20 kg [Base(5 kg), Hardener(15 kg)]	
Flash point	60 ℃			

Product Properties (Physical Property Data)

Tensile strength	More than 2.5 N/mm ²	Hardness	shore A 60 ± 10
Elongation rate	More than 450 %		

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 an epoxy putty after primer.2. Apply smoothly using sawtooth scraper, rubber scraper, pitchfork, square towel, etc. <p>Appropriate construction specifications</p> <p>▷ Primer : CLEANTHANE 1000</p> <p>▷ Intermediate coating : TANSUNG TAN(SEMIHARD) DHDC-2000TM</p> <p>▷ Top coat : TANSUNG TAN COAT (SOFT, SEMIHARD) DHDC-3000(S)</p>