TANSUNGTAN(HARD)

DHDC-2000TH



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 multipurpose stadiums and parking lots due to the excellent smoothness and elasticity of the film.

Usage	Flooring material for multipurpose arenas, parking lots, etc. and concrete surfaces requiring 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	1.34 (based on green color)		
Theoretical Coverage	4.36 kg/㎡ (based on 3㎜)	Solid volume ratio	92±3 % (based on green color)
Color	Green, other ordered colors	Thickness of dried film	3 ㎜
Mixing ratio	Base(A)/hardener(B)=1/2.1 (Weight ratio)	Gloss	Glossy
Shelf life	6 months	Packaging unit	20kg[Base(6.45kg), Hardener(13.55kg)]
Flash point	65 ℃		

Product Properties (Physical Property Data)

Tensile strength	More than 5.5 N/㎟	Hardness	shore A 80 ± 10
Elongation rate	More than 300 %		

How to Use

Surface treatment

1. Cure concrete for at least 28 days at a temperature of 21℃ 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/㎠ or higher), blasting treatment should be carried out.

Coating Conditions

1. Atmosphere Temperature: 5~35℃, Surface Temperature: 40℃ or below,
   Relative Humidity: 80% or less
2. Moisture content in the concrete: 6% or less

During scorching heat in the summer (atmospheric temperature: 28℃ or higher; surface temperature: 40℃ or higher), please apply after 4 pm when the surface temperature drops.

Coating Method

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.

Appropriate construction specifications

▷Primer : CLEANTHANE 1000

▷Intermediate coating : TANSUNGTAN(HARD) DHDC-2000TH

▷Top coat : TANSUNGTAN TOP COAT (HARD, VERY HARD) DHDC-3000(H)