

## **TECHNICAL DATASHEET**

# **TENNIS COURT COATING**

### **PRODUCT DESCRIPTION**

Tennis Court Basecoat /Topcoat is a water-based system specially designed for sports fields. A hard-wearing finish exhibiting excellent resistance to high traffic and weathering conditions.

### **PRODUCT BENEFITS**

- 1- Excellent weather and UV resistance
- 2- Excellent durability
- 3- Anti-chalking properties
- 4- Minimal dirt pick-up
- 5- Excellent adhesion and resistance to saline and dusty environment
- 6- Good mechanical and abrasion properties
- 7- Good leveling and hiding power
- 8- Anti-slip finish

### **RECOMMENDED USES**

It is designed for interior and exterior application onto Tennis Courts offering a UV stable & slip resistant finish with minimal dirt pick up.

It can also be used for car parking, concrete, and masonry work.

### **SURFACE PREPARATION**

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

- 1- Alkaline and acid surfaces should be cleaned and neutralized.
- 2- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying.
- 3- Non-disintegrated paints or glossy surfaces of previous coatings should be roughened slightly with sand paper to ensure good undercoat adhesion.

## PHYSICAL AND CHEMICAL PROPERTIES

### Physical Properties

Physical State Viscous Liquid

Color Range Cf. catalogue

Specific Gravity, ISO 2811  $1.4 \pm 0.05 \text{ g/cm}^3$

Viscosity, ISO 2884 25- 27 poises

Drying Time, ASTM D5894 2-4 hours

Wet Film Thickness, ISO 2808  $250 \mu\text{m}$

Dry film Thickness, ISO 2808  $150 \mu\text{m}$

Recoat Time 4-6 hours

Sag Resistance, ASTM D3730 Excellent

Leveling, ASTM D2801 Excellent

Scratching Resistance, ASTM D3003 Excellent

### Chemical Properties

% Solids by Weight  $65 \pm 2 \%$

% Solids by Volume  $61 \pm 2\%$

## PRIMING/THINNING/ APPLYING

Clean floor with 10% acid etching treatment if necessary and fill all the holes with epoxy putty.

- 1- Prime the surface with HAPPY WALL bitumen diluted up to 50% depending on the surface condition.
- 2- Thin with Clear Water (30 – 50% for brush/roller and spray application) for the first coat as basecoat and 10 – 15% to the second coat as topcoat.  
Thickness of paints film depends on condition of surface.

Clean tools and equipment with water immediately after use.

Caution: Do not use when humidity is above 85 % and when the temperature is below  $5^{\circ}\text{C}$  during application and drying period.

## **PACKING**

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20L

## **Storage**

1 year under normal storage conditions from the issue date.

Avoid frost & excessive heat.

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