

## **TECHNICAL DATASHEET**

# **TENNIS COURT TOPCOAT**

### **PRODUCT DESCRIPTION**

Tennis Court Topcoat is a water-based acrylic 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 Sports 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 ±0.05 g/cm <sup>3</sup>
Viscosity, ISO 2884	20- 22 poises
Drying Time, ASTM D5894	2-4 hours
Recoat Time	4-6 hours
Sag Resistance, ASTM D3730	Excellent
Leveling, ASTM D2801	Excellent
Scratching Resistance, ASTM D3003	Excellent

### Chemical Properties

Chemical composition	Acrylic
% Solids by Weight	65 ± 2 %
% Solids by Volume	61 ± 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- Apply one coat of Tennis Court Basecoat with a thinning of 30 to 50 % with water.
- 3- Apply one or two coats of Tennis Court Topcoat. Thin 10-15% with water.
- 4- For optimal protection and color retention, apply one coat of Wax Clear coat (thinning up to 200%).
- 5- For court lining, use HW Line Marking Paint.

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°C during application and drying period.

## **PACKING**

In cylindrical containers of the following capacities:

- 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.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.  
All details about working with our products should be adapted to prevailing local conditions and materials used.