

TECHNICAL DATASHEET

TENNIS COURT

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- Antichalking 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 parkings ,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 intercoat adhesion.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State Viscous Liquid

Color Range Cf catalogue

Temperature 25°C

Relative Humidity 60 %

Specific Gravity, ISO 2811 1.4 ±0.05 g/cm³

Viscosity, ISO 2884 25- 27 poises

Drying Time, ASTM D5894 2-4 hours

Wet Film Thickness, ISO 2808 250 µm

Dry film Thickness, ISO 2808 150 µm

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 ± 2 %

% Solids by Volume 61 ± 2%

% Binder by volume 77%

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 clear epoxy primer waterborne clear with a specific dilution up to 10%.depending on the surface condition & absorption level.
- 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°C during application and drying period.

Packing

In cylindrical tin containers of the following capacities:

- 1 US gallon = 3.78 L.
- 1Pail (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.