



## Technical Data Sheet (TDS): Water Based Sports Coating

This is a very fast drying, high opacity, heavy duty flexible coating with resistance to shock & abrasion. This paint can offer resistant to water permeability on bitumen dressed roads, highways & sports surfaces made of concrete and asphalts. Water Based (WB) Sports coating is a hardwearing and fashionable coating for floors, patios, driveways & pathways.

### Features and benefits

- Fast drying.
- Skid resistance to properly grip for safe movement.
- Excellent adhesion on concrete and asphalt as well as on wet surfaces.
- Specifically designed Acrylic functional coating for active sports surfaces.
- Very tough and abrasion resistant.
- Low smell.
- High water resistance.
- Excellent weather durability.
- Lead & Chrome free, low VOC and environment friendly (Green) product.
- Easy application by brush, spray gun or road marking applicator.
- Easy to handle & easy to store.

### Uses

Exterior and Interior tennis, netball and basketball courts, other playground & similar recreational areas, roads, highways, floors, patios, driveways, pathways made with concrete & asphalt bitumen carpeted surface.

### Application Tools

Brush, Spray Gun & Road Marking Applicator etc.

### Surface Preparation

The service life span and the service performance of this product are directly related to the degree of surface preparation.

#### Concrete surface

The surface should be thoroughly cleaned to make it free from oil, grease & other contaminants & use detergents for cleaning. Remove dirt & dusts before application.

#### Bitumen carpeted road

The surface should be free from grease or oily matters. Remove dirt & dust before application.

#### For new concrete surface

Allow 4 weeks for newly poured concrete to cure before preparing & painting. Thoroughly clean the surface to make it free from oil, grease & other contaminants and use detergents for cleaning. Remove dirt & dust before painting. Allow to dry before applying WB Sports Coating.

#### For new Bitumen carpeted surface

Allow 4-6 weeks for new bitumen carpeted surface to cure sufficiently to allow application of a permanent line. A temporary line can be painted in this time but will need to be repainted after the bitumen has cured.

### **Preparation for Application**

Maximum 10 - 15% dilution is recommended. Thin 1 litre of paint with up to 100 – 150 ml of water. Apply 2 coats with an interval of 6 hours between each coat by using brush. Do not over dilute and shake the paint well before use.

Adequate stirring is required before application. However, long storage may increase the viscosity. In that case thin down slightly for ease of application.

Spray Gun application: Maintain the DFT & 10% dilution might be applicable.

This paint can also be applied by using Road marking applicator. As the product is already in liquid form, melting by heating is not required.

### **Product Specification:**

Component	: One Pack
Packs available	: 04 liter
Shades available	: White, Green, Yellow & Red
Pigmentation	: Titanium dioxide, Calcium Carbonate
Viscosity	: 100-108 Krebs Unit by Stormer Viscometer at 30 <sup>o</sup> C (Reference: Sheen, UK)
Thinner	: Water
Method of Application	: Brush/Spray Gun/Road Marking applicator
Coverage for Sports Coat	: 25 – 30 sft/ Ltr/ 2Coat
Coverage for Driveway & Others	: 35 – 40 sft/ Ltr/ 2Coat
Surface dry	: 10-15 min
Hard Dry	: 2 hrs (depend on air temperature, humid condition, ventilation, film thickness)
Finish	: Smooth
Dry Film Thickness	: ~ 150 micron
Clean Up Solvent	: Water
Toxicity	: Lead free. Dry film is non toxic
Preservatives (Formaldehyde)	: Not added directly
Product Shelf Life	: 12 months in sealed container when kept in cool & dry place
VOC	: < 60 g/L

### **Precaution**

- Store in a cool and dry place
- Always prepare the required quantity of paint.

### **Healthy & Safety Precaution**

- Wear suitable protective clothing's during application.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advise

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate our control the many conditions under which our products may be applied, we can only guarantee the quality of the product itself.

We reserve the right to alter the given data without prior notice.

Covering capacity is indicated on the basis of results obtained on a prepared smooth surface.