

**DESCRIPTION**

TC COAT is a single component water-based system specially formulated to be used for tennis courts / badminton courts.

**USES**

Consisted of high performance primer, binder and finishing coat for interior and exterior uses which when combined with selected aggregates to form a hard but shock absorbing, abrasive resistant surface specially for court construction.

**BENEFITS**

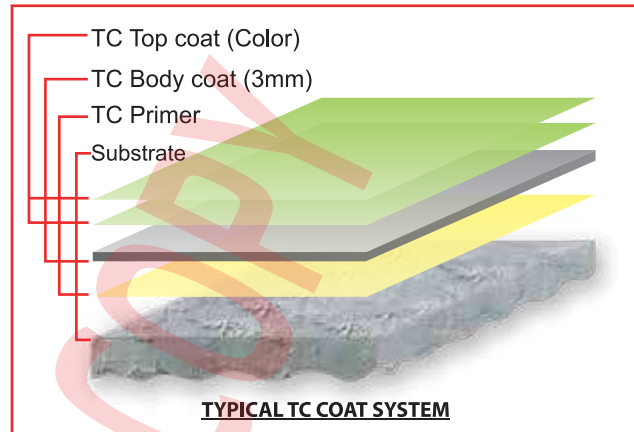
- Excellent abrasion resistance.
- Excellent weatherability.
- Excellent adhesion to base surface.
- Good alkaline and mild chemical resistance.
- Excellent workability due to single component product. Multiple coat and repair coating without great effort.

**COLOR**

Available in Standard Courts Colors.  
Other colors can be matched upon request.

**FINISH**

Semi Gloss to matt.



Technical Data :	
No of Component	1
No of Coats Recommended	Multiple
Recommended Dry Film Thickness	2 - 3 mm
Estimated Coverage	TC Primer : 8m <sup>2</sup> /kg TC Body Coat : 1 : 6 ratio of binder to aggregate depending on size of aggregate TC Color Top Coat : Apply by roller at 6sq m/kg/coat recommended 2 coats
Drying time at 25°C	Touch dry 30 minutes Hard Dry 12 Hours
Re-coating Interval	12 Hours
Bonding Strength	1.5N/mm <sup>2</sup>
Pot Life at 25°C	Not applicable
Cleaner	Water
Storage & Shelf life	Unopened In Dry Conditions at 25°C / 12months
Packaging	5Liters & 20Liters

NOTE: Coverage figure given is theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduced.

The information given in this data sheet is to the best of our knowledge true and accurate; but as we have no control over where or how the product is applied, there are no warranties expressed or implied regarding the product's use or performance. Customers are advised to thoroughly test before adapting them to their own use. It is strongly recommended to trial on small area before large scale application.



## SPECIFICATION

Substrate to be coated must be sound, clean and free from any contamination. Mechanical grinding should be employed followed by thorough vacuuming. Apply **TC COAT** system in accordance with manufacturer's written instruction.

## APPLICATION PROCEDURE

### SURFACE PREPARATION

Substrate should be structurally sound, clean, and free from loose particles, oil, grease and other contaminations. Remove cement laitance, loose particles, and other contaminants from surface by mechanical grinding followed by vacuuming. **TC COAT** system is not a floor leveler. As such any floor undulation must be repaired and leveled by using floor repair compound in order to avoid ponding of water.

### PRIMER

Apply by roller on all prepared floor with **TC Primer** at a spreading rate of 8m<sup>2</sup>/kg. Consumption of material may be more depending on the porosity of the substrate. **TC Primer** must be used straight from the container; do not thin. Allow to cure for minimum 8 hours.

### TC BODY COAT

It is recommended to build up at least 3mm for any courts construction via multi layer formation.

**Base Coat:** Mix **TC Binder** thoroughly with 0.5 - 1.0mm silica at a ratio of 1 : 8. Apply product by trowel to approx 1.0mm thick. Allow to dry for min 4 hours.

**Middle Coat:** Mix **TC Binder** thoroughly with 0.25 - 0.5mm silica at a ratio of 1 : 6. Apply product by trowel to 1.0mm thick. Allow to dry for min 4 hours.

**Top Coat:** Mix **TC Binder** with 0.1 - 0.5mm silica at a ratio of 1 : 6. Apply product by trowel to approx 1.0mm thick. Allow to dry for min 8 hours before finishing. Do not thin **TC Binder** & use straight from the container.

### TC COLOR TOP COAT

Apply 2 coats of **TC color top coat** by roller on the **TC Body Coat** at a spreading rate of 6m<sup>2</sup>/kg/coat at 6 hours interval. Can draw service line after drying for 12 hours.

### LIMITATIONS

**TC COAT** system is essentially waterbased, do not apply product if anticipated to rain within 2 hours of application.

### HEALTH & SAFETY

Although **TC COAT** system is waterbased, certain ingredients may be harmful if exposure is prolonged or in contacted with. Always use with suitable protective gears. Close container tightly after use. Keep out of reach of children. For further information, refer to the product Material Safety Data Sheet, available upon request.

### FURTHER INFORMATION

With a wealth of technical and practical experience built up over many years in our pursuit of excellence especially in the protective, flooring and concrete technology, make **CEMKRETE** your partner today. Contact our hotline now.

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