

Shieldprime TC

Acrylic-based Primer for Tennis Courts



Description

Shieldprime TC is a high-performance, ready-to-use, acrylic primer, designed to give substrates a solid base, preparing them for the subsequent application of tennis court coatings, and to promote a strong adhesion.

Uses

- Priming concrete courts before applying other layers of tennis court system.
- Improving adhesion and longevity of tennis court surfacing systems.

Characteristics / Advantages

- Easy to use.
- Closes and seals surfaces of porous substrates prior to the application of coatings and layers of the tennis court system.
- Increases the adhesion of coatings.

Shelf Life and Storage

Shieldprime TC has a shelf life of 12 months when stored in its original unopened packaging in cool and dry conditions, protected from direct sunlight, heat, and moisture.

Shelf life may be reduced if the recommended storage conditions are not followed.

Packaging

Shieldprime TC is supplied in 20-kg buckets.

Consumption

Approximately 0.15 – 0.25 L/m² but may vary due to site wastage and substrate condition/profile.

Typical Properties

| | |
|-------------------------|-----------------|
| Appearance / Color | Black liquid |
| Specific Gravity @ 23°C | 1.10 ± 0.10 |
| Solid Content | 40% ± 3 |
| Overcoating Time @ 23°C | 1 – 3 hours |
| Drying Time @ 23°C | 1 – 2 hours |
| Viscosity @ 23°C | 15000 ± 3000 cP |
| Substrate Temperature | +5 to +40 °C |

Application Instructions

1. Surface Preparation

Concrete substrates must be free from dust, loose materials, surface contamination, and any materials that may reduce bond or prevent penetration of the primer and fully cured (at least 28 days). Asphalt/ bituminous surfaces must be clean and dry.

Surface defects such as cracks, blowholes, and voids must be repaired using appropriate products from **Shield Concrete Repair** range.

2. Mixing

Shieldprime TC should be stirred prior to use, to ensure a homogenous liquid.

3. Application

Shieldprime TC can be applied using a brush or a roller and should be allowed to dry.

The surface is considered fully treated when a slight sheen appears on the surface. Apply 1 – 2 coats, considering the overcoating time between coats.

4. Cleaning

All mixing equipment and application tools should be cleaned immediately with clean water. Hardened material should be mechanically removed.

5. Curing

Curing is not normally necessary but freshly applied material should be protected from rain until becomes dry. Additionally, it should be painted / covered as soon as possible, to ensure optimum performance.

Safety Instructions

Avoid contact with the eyes and skin. In case of direct contact with the skin, wash the affected area immediately with water for several minutes. If it comes into contact with the eyes, rinse immediately with lukewarm water for at least 15 minutes and get medical advice or treatment if any emergency warning signs appear. For further information, refer to the Material Safety Data Sheet.

Limitations

- Do not apply the product if the ambient temperature is less than 5°C.
- Hot weather practices should be adopted during application and curing if the temperature is above 35°C. In hot conditions, store the material in a cool environment prior to use.

Technical Support

Refer to technical information, method statement, or contact technical support team for any inquiry.

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