

**PRODUCT DESCRIPTION:** TERADEK SC is a water based with acrylic polymer blended single component penetrating liquid sealer coat. TERADEK SC is white in color and turn clear glossy finish coat with high abrasion resistance after dry. Its specially formulated in fibrex lab to give long lasting UV resistance and waterproofing properties.

#### AREAS OF APPLICATION

It is design to seal TERADEK SANDOZ (sand like finishing flooring provided by FIBREX see tds) and also listed below areas:

- Cement mortar and sand rendered surfaces
- Interior and exterior concrete structures
- Porous concrete/ blocks, gypsum, cement fiber boards, asbestos, etc.
- Cementitious self-leveling flooring

#### ADVANTAGE

- Easy to clean
- Non-toxic
- VOC free
- No dirt pick up
- Long lasting UV resistant
- Durable in all climatic conditions
- Ease to apply – Brush/Roller/Spray
- Excellent waterproofing property
- Ready to use and does not require any dilution
- Resistance to weathering effects for long term
- Excellent permeability or breathability (Allows water vapors to escape from the structure)
- Resistance to chemical attack(carbon dioxide, chloride ions, sulphates, oxygen and water)

#### APPLICATION METHODOLOGY

##### SURFACE PREPARATION

Cement bound surfaces must be dry, firm, offer good traction, free from loose particles, dust, dirt and additionally free of oil, grease and other impurities which can adversely affect uniform adhesion. If considered necessary, the surface should be flame scaled, milled or grind.

##### MIXING

TERADEK SC is ready to use and requires no premixing but stir well before use.

##### APPLYING AND LAYING

The stirred material should be applied to the prepared surface using roller, brush or spray. Ensure mix material is spread evenly. Do not re-roll later. The work area should be protected during the installation process and during the initial curing time to ensure that no airborne debris can contaminate the surface of the wet coat.

#### COVERAGE

1 kg of TERADEK SC will cover from 4-5 m<sup>2</sup> of concrete surface depending upon the porosity of the concrete and job requirements. The following rates of coverage are approximate. Additional Coats-After initial coat, additional coats may be required to seal the surface. The coverage will increase with each additional coat.

#### CLEAN UP

Clean all tools immediately after use with water. Do not allow material to harden. Any hardened material will need to be removed mechanically.

#### TECHNICAL SPECIFICATIONS

Appearance	Opaque liquid
SG	1.0 ± 0.1
Chemical Base	Acrylic copolymer
pH	8
Viscosity (B4 Cup)	10 sec
Pot life(at 30°C)	25 to 30 mins
Bond Strength	>1.5MPa
Shelf life	12 months

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

#### LIMITATIONS

- Do not apply TERADEK SC on surfaces known to, or likely to, suffer from rising dampness, potential osmosis problems or having relative humidity greater than 75 %. Consult fibrex before using TERADEK SC in those areas.
- Do not apply TERADEK SC to asphalt, weak or infirm concrete, unmodified sand-cement screeds, PVC tiles or sheets, or substrates known to move substantially.
- Do not apply TERADEK SC over treated expansion joints.

#### Please contact FIBREX for installation of coating over

- Oil / Fat rigged floors
- Floors with moisture content over 4 %
- Floors with rising moisture problem
- Asphalt based floor (interior)
- Floors with a pull off strength less than 1.5 N / mm<sup>2</sup>

## PACKAGING

TERADEK SC is packaged in 20Kg & project Packing.

## STORAGE

TERADEK SC Store at temperatures between + 10° C and + 45° C in originally sealed packages, the material can be stored for 12 months. But before opening the drums, be assured that the temperature of the materials has the ambient temperature to avoid condensation. Open containers of material should be used quickly to avoid moisture contamination.

## PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and busing, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

## DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

## NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

## HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

## DISCLAIMER:

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## FIBREX OTHER PRODUCTS – WE DO

