

# MIXTOP SL

Epoxy self leveling system



the construction chemist...

## Introduction

**Mixtop SL** is a four component self leveling pigmented epoxy floor top coating, which is laid at a thickness from 0.5 mm to 2 mm. ShaliFloor SL TC 4E consists of graded aggregates bound in a pigmented epoxy resin. ShaliFloor SL TC 4E provides monolithic, smooth, non-porous, hygienic, chemical resistant and easy to clean and maintain floor. It is available in a number of colours and has sufficient strength to withstand industrial traffic with nylon / rubber wheels. ShaliFloor SL TC 4E is tested by CFTRI as per 21 CFR 175-300 of US FDA Test Method.

## Appropriation

- Area requiring hygienic monolithic floor like pharmaceutical Industries, operation theatres & corridors in hospitals and nursing homes, pathological laboratories, bottling plants, dairies & breweries, fermentation floors in tea garden and food processing units. –
- Nuclear plants, computer and control panel rooms
- Industries like electric and electronic Industries, picture tube manufacturing plants, textile mills.
- Automobile workshops and showrooms.
- Oil Rigs.

## Characteristics

- Resists chemical, fungal & bacterial growth.
- Abrasion Resistance.
- Easy to apply, flowable consistency.
- Excellent bond to concrete and other substrates like Kota stones (seamless, non staining)
- Provides monolithic surface with good aesthetics.

## Technical Data and Properties

Standard Confirms to	BS 890, IP 11/84
Appearance	Grey powder
Plastic density	1.5
Foot traffic @20 °C	15to 25 hrs @20 °C 11to18 hrs @ 35 °C



## Product Management

**Surface preparation:** The floor to be treated must be clean, free from dust, any loose material, excess laitance, oil, grease etc. Porous surface should be dampened with water and primed with acrylic primer (Mixbond AC diluted). In hot conditions the area should be moistened prior to application. New concrete should be cured for at least two weeks before receiving Mixtop SL

**Application:** Add 5 to 5.5 litre of cool water to 25 kg of powder & mix with electric drill fitted with a spiral mixer to obtain a uniform & lump free consistency. Pour the mixed material over the area and spread at desired thickness using a notched trowel or spiked roller. This material is recommended for a maximum thickness of 8mm

**Curing:** This product does not require curing. But it should be protected from direct sunlight and heavy wind. Do not apply in a highly ventilated area, as the mixed water will evaporate immediately before it cures

**Toppings:** Possible toppings are Neoprene, Vinyl or Acrylic and Resin based material

**Cleaning:** Clean all the tools with water

**Coverage:** 2 to 3 kg/m<sup>2</sup> at 1mm thickness



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## Packing & Storage

Mixtop SL is available in 25 Kg bag. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers/ storage silos. Mixtop SL should be stored in cool, dry and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations. In extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life.

## Health & Safety

As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Avoid inhaling the product as it could result in irritations in the respiratory system. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. Ensure the container is available for the medical attendant to examine any relevant instructions and contents details. For more details, please refer to the MSDS released on each PyChem product

Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hand-on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on values



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