

# SUPATRAK

## Chemical Resistant Surface Topping

### DESCRIPTION

SUPATRAK is a three-component epoxy resin surface topping which consists of a base component a pitch modified curing agent and a graded aggregate component. The mixed material is easily applied to the substrate to produce an extremely durable waterproof chemical resistant and impact resistant wearing surface.

### USES

SUPATRAK is designed for application to heavily trafficked areas including roadways, loading bays, car parks, fuel depots and sewage treatment works.

### ADVANTAGES

- Flexible once cured.
- Excellent chemical resistance.
- Extremely durable.
- Excellent skid resistance.

Property	Value
Colour	Black
Pot life @ 20°C	45 mins
Application Temperature	5°C to 35°C
Service Temperature	-20°C to +50°C
Compressive Strength @ 20°C	35 MPa @ 28 Days
Flexural Strength	26 MPa

### PROCEDURE

**Surface Preparation:** Correct surface preparation is paramount to the success of the applied coating. Concrete and masonry surfaces should be sound, clean and free from dust, surface laitance, grease, hydrocarbons and other deleterious materials. It is important to prepare the surface by mechanical means, such as vacuum grit blasting and diamond grinding to ensure the complete removal of any contaminants and to provide an adequate key for the coating. The moisture of new concrete substrates should be less than 6% RH. Imperfections in the substrate should be repaired using a suitable PREMCRETE REPAIR PRODUCT. Steel surfaces should be grit blasted to a nominal SA 2.5 Swedish standard. Steel substrates should be primed immediately once preparation has finished to decrease the chance of flash rusting.

**Priming:** Epoprime DPM should be applied at the correct application rate, in accordance with the appropriate technical datasheet.

**Mixing:** The base component and curing agent should be mixed thoroughly using a slow speed drill and mixing paddle, until a uniform consistency is achieved. The aggregate may then be added to the mixed resin and mixing should continue for a further 2 mins until a homogeneous mixture is achieved.

**Application:** The mixed product should be poured onto the prepared surface and spread using a trowel or pin leveller to the desired thickness between 2mm and 4mm. Once levelled the coating should be de-aerated using a spiked roller. An aggregate should then be broadcast into the wet coating, such as calcined bauxite, flint or quartz to provide maximum skid resistance to the top surface. The aggregate should be broadcast onto the substrate at a rate of 6 Kg to 10 Kg per M<sup>2</sup>. Once the coating is cured excess aggregate may be removed.

**Curing:** SUPATRAK will have cured sufficiently after 12 hrs at 20°C to allow foot traffic, allow 48 hrs prior to vehicular traffic. Full chemical cure will be achieved after 7 days at 20°C.

**Equipment Cleaning:** Tools and equipment should be cleaned immediately using PREMCRETE CLEANING SOLVENT.

## PACKAGING & COVERAGE

**Pack Size:** SUPATRAK is supplied as a 30 Kg pack.

**Coverage:** A 30 Kg pack is sufficient to cover an area of approximately 5.5 M<sup>2</sup> at a nominal thickness of 3 mm.

## STORAGE & SHELF LIFE

SUPATRAK should be stored in clean dry conditions at temperatures between 5°C and 30°C. When stored in unopened containers the product will have a shelf life in excess of 12 months.

## HEALTH & SAFETY

See separate material safety datasheet.

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