

# MIXCOTE SF

Two-component Solvent-free epoxy floor coat

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**Mixcote SF** is a two component solvent free epoxy resin floor coating that provides a durable and impervious floor which is easy to clean, tough and abrasion resistant. It is very firm in resisting a wide range of chemicals

## Appropriation

Mixcote SF can be applied as a floor coating for:

Warehouses  
Chemical Plants  
Terminals  
Showrooms  
Theatres, auditoriums, malls, etc.  
Health care manufacturing unit  
Parking areas and car wash areas  
Workshops, fabrication units etc.

## Characteristics

Excellent resistance to a wide range of chemicals  
Hygienic  
Provides an impervious surface which is easy to clean  
Durable and hard-wearing  
Easy to apply  
Available in a wide range of colours  
Solvent free  
Odourless and can be applied on areas having less ventilation

## Technical Data & Properties

Standards conform: BS 746 Part 7, 1971; BS 5493  
Total solid contents: 100%  
Touch dry time at 20 °C: 6 hours  
Over coating time at 20 °C: 24 hours  
Initial hardness at 20 °C: 24 hours  
Full cure at 20 °C: 7 days  
Dry film thickness: 330 micron @ 3m<sup>2</sup>/kg  
Resistance to chemicals  
Alkalis: Good  
Ammonia: Good  
Hydrochloric Acid 10 %: Good  
Acetic Acid 5%: Good  
Battery Acid: Good  
Oil: Good  
Gasoline: Good  
Salt Water: Good  
Toluene: Good  
Xylene: Good  
Lactic acid 10%: Good  
Citric acid 10 %: Good

## Product Management

Surface preparation: Surface preparation plays a vital role in determining the durability of any floor coating. Therefore proper care should be taken while executing it. The concrete should be minimum 28 days old before any coating or toppings are applied. The surface should be free from dust, dirt, curing compound, oil etc. Clean the surface thoroughly to remove all loosely adhering particles and cement laitance. It is recommended to use a light mechanical grinder for cleaning. Cracks and potholes should be repaired with suitable concrete repair system or epoxy repair system and allow to cure. Ensure that the moisture content in the substrate is below 5 %



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**Priming:** Prime the prepared surface with Mixprime EP and allow drying. For application procedure of the primer, please refer Mixprime EP Technical specification

**Mixing:** Mix part A (resin) and part B (hardener) separately for 1 minute using a slow speed drill fitted with a paddle. Then add part B into part A and mix thoroughly for 2 to 3 minutes to achieve uniform consistency. Apply immediately after mixing

**Application:** Mixcote SF may be applied by brush, roller or industrial sprayer. When the first coat achieves initial cure (ie, after 24hours), apply second coat at right angles to the first. After application, the coating must be back rolled to reduce surface irregularities and to improve bonding. Care should be taken to ensure that a continuous film is achieved

**Coverage:** 3.5m<sup>2</sup>/kg /coat for 200 microns DFT

**Cleaning:** Clean all equipments with Xylene, Xylol or Toluene

## Packing & Storage

Mixcote SF is available in 5 Kg / 20kg kit. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers. Mixcote SF 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 Fab product

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Technical information given in this datasheet is true and exact to the best of our knowledge, laboratory upshot and hands-on application. The datasheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of the 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, etc. and porosity of substrate may impinge on the values.

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