

MIXCOAT SF

Two-component Solvent-free epoxy floor coat



the construction chemist...

Introduction

Mixcoat 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

Mixcoat 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 and Properties

Standard Confirms to	BS 746 Part 7, 1971; BS 5493
Solid	100%
Touch Dry @20°C	6hours
Over Coating time @20°C	24hours
Initial Hardness @20°C	24hours
Full Cure @20°C	7Days
Dry Film Thickness	400micron @ 2kg/m ²
Resistance to chemicals	Alkalis:Good Ammonia:Good HCL 10%: Good Acetic Acid: Good Battery Acid:Good Oil:Good Lactic Acid10%: Good Xylene: 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 %

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: Micoat 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: 400micron@500gms/m²



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Cleaning: Clean all equipment's with Xylene, Xylol or Toluene

Packing & Storage

Mixcoat SF is available in 15kg kit. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers. Micoat SF should be stored in cool, dry and shaded warehouses. Shelf life is 24 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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