

EpoFloor S80[®]

Description

EpoFloor S80 is a versatile two component, epoxy resin paint that provides a durable and impervious film which is ideal protective coating for steel & concrete elements.

Key Features

- Durable and hardwearing.
- Easy to apply.
- Available in a wide range of colours.
- Excellent resistance to a wide range of chemicals:
 - Alkalis
 - Ammonia
 - Oil, Gasoline, and Battery acid
 - Toluene, and Xylene
 - Hydrochloric Acid 10 %
 - Lactic acid 10%
 - Citric acid 10%
 - Acetic Acid 5%

Uses

EpoFloor S80 can be applied as a paint for:

- Warehouses.
- Chemical plants.
- Terminals.
- Showrooms.
- Health care manufacturing facilities.
- Parking and car wash areas.
- Workshops, fabrication areas etc.

Technical Properties & Standards

| | |
|---------------------------|------------------------|
| Standards | ASTM D C88 |
| Solid content | 80 - 85 % |
| Pot life at 20°C | 40 minutes |
| Touch dry time at 20°C | 6 hours |
| Over coating time at 20°C | 24 hours |
| Compressive Strength | > 68 N/mm ² |
| Flexural strength | > 36 N/mm ² |
| Tensile Strength | > 17 N/mm ² |
| Initial hardness at 20°C | 24 hours |
| Full cure at 20°C | 7 days |

Application Instructions

Surface Preparation: Surface preparation plays a vital role in determining the durability of any epoxy coating. Therefore proper care should be taken while executing it. The concrete should be a minimum of 28 days old before any coating or toppings are applied. The surface should be free from dust, dirt, rust, curing compound, oil etc. We recommend captive shot blasting as the most suitable preparation.

Priming: On most new concrete floors priming may not be required, however for the best adhesion, prime the prepared surface with **EpoPrime S** and allow to dry. For application procedure please refer to the **EpoPrimer S** data sheet.

Coverage

Approximately .2 kg per coat for 75 micron dry film thickness.



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Mixing & Application: Mix part A (resin) for one minute using a slow speed drill fitted with a paddle. then add part B into part A and mix thoroughly for 2-3 minutes to achieve uniform consistency. Apply immediately after mixing. **EpoFloor S80** may be applied by brush, roller or industrial sprayer. When the first coat achieves initial cure (i.e. after 24 hours) apply second coat at right angles to the first. After application the coating must be back rolled to reduce surface irregularities and improve bonding.

Storage & Packing

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environment.

Available in two Component 5kg and 20kg

Shelf Life

Shelf life is up to 12 months when stored as per recommendations.

Health and safety

As with all construction chemicals products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. 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.

Legal Notes

The information provided in this data sheet, are given in good faith based on our current knowledge and experience of the product when properly stored, and applied by professional applicator, and under normal conditions in accordance with the mentioned recommendations. In practice under actual site condition differences are such that no warranty can be issued nor any liability can be taken, arising out of any legal relationship whatsoever. The product must be tested onsite to check its suitability for the intended application and purpose

