



## SOLIDFLOOR EP (SF)

Solvent Free High Build Protective and Decorative Coating for Concrete Floors and Walls



## BENEFITS

- > Easily applied on dry or damp surfaces.
- > Can be used on concrete floors, walls etc.
- > Excellent waterproofing characteristics.
- > Gives impervious finish and provides easily cleaned surface.
- > Excellent overcoating characteristics.
- > Available in different colors.
- > Excellent bonding with concrete substrates.
- > Ensures dust proof floor.
- > Provides high resistance to wide range of industrial chemicals.

## DESCRIPTION

**SOLIDFLOOR EP (SF)** is a two pack, high build, solvent free epoxy coating with special anti-static features for concrete substrates provides a hard wearing, aesthetic finish with good resistance to chemical attack. Also provides a durable coating suitable for application on both vertical and horizontal surfaces.

## USES

**SOLIDFLOOR EP(SF)** is used in industrial floors, assembly areas, workshops, soft drink production, breweries, food processing units, dairies, pharmaceutical units. It is used as a protective coating for steel and concrete structures and commercial cementitious flooring systems.

## PACKING & COVERAGE

**SOLIDFLOOR EP(SF)** is supplied in 5 and 20 kg metal pail per set and will cover an area of approx 8 ~ 9 m<sup>2</sup> per coat for recommended two coats. The coverage may vary depending upon the substrate.

## PROPERTIES

Color	Blue, grey, red, green (special colors on order).
Pot Life at 30 °C	1.5 hours.
Touch Dry	1 hours.
Full Cure	8 hours.
Temperature Range	During application, 5 ~ 45 °C.
In Service	Max 60 °C.



## SHELF LIFE & STORAGE

**SOLIDFLOOR EP(SF)** will have a shelf life of 12 months in unopened container when kept in dry conditions at a temperature between 5 ~ 45 °C. Storage at higher temperature or high humidity may reduce shelf life.

## SPECIFICATION

**SOLIDFLOOR EP(SF)** is a two pack, high build, solvent free epoxy coating for concrete substrates in accordance with the instruction of **SOLID**.

## HEALTH & SAFETY

Hand gloves must be used. Goggles and overhead application shall be used to prevent contact with eyes. Any splashes on skin should be washed with water and medical advice shall be sought. In enclosed area, good ventilation must be ensured, and smoking must be strictly prohibited while using **SOLIDFLOOR EP(SF)**.

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## HOW TO USE

**Surface Preparation :** The surface should be sound, free from contamination. The contamination, viz, oil grease etc. must be removed using degreaser and cracks should be sealed using **SOLIDFIX**.

**Priming :** One coat of **SOLIDSEAL EP PRIME** is recommended for porous concrete surface before the application of **SOLIDFLOOR EP(SF)**. Apply **SOLIDSEAL EP PRIME** at a nominal rate of 8 m<sup>2</sup> / kg and allow to dry for a minimum of 4 hours at 30 °C .

**Mixing :** **SOLIDFLOOR EP(SF)** is supplied as ready to use in pre weighed packs of resin and hardener for easy on site mixing. Pour the hardener into the resin can, mix well using a paddle attached to an electric drill for 2 ~ 3 minutes until a uniform color is obtained.

**Application :** **SOLIDFLOOR EP(SF)** may be applied by brush or airless spray to give a continuous coating on the prepared surface. A second coat may be subsequently applied when first coat is dried. Preferably next day.

**Cleaning :** Tools and mixers should be cleaned with any cleaner immediately after use.

## TECHNICAL SERVICES

While new advance and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel and experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

## QUALITY ASSURANCE

**SOLID** manufactures the entire range of construction chemical under compliance of SIRIM and other international standards (ASTM, BS, GBI, LEED).

## TECHNICAL DATA

Density	: 1.10 - 1.30, Depending on colours
Volume Solid	: 60 %
Theoretical Coverage	: 7 - 12 m <sup>2</sup> per litre
Colour	: 1,000 colors available
Dry Film Thickness	: 60 - 80 µm per coat
Wet Film Thickness	: 90 - 135 µm per coat
Drying Time	: Touch Dry 2 - 3 hours, Dry to handle 16 hours
Recoating Interval	: At least 16 hours
Curing Time	: 5 - 7 Days

**Disclaimer :** The information provided in the data sheets is based on both current development of work and years of field experience. Efforts are made to ensure that the information is reliable, however, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. In view of continuing research and development (R&D) undertaken in our laboratories, we advise customers to ensure that the data sheets provided are not superseded by an updated publication. All products are sold are subject to our standard condition of sale, which is available on request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact our local SOLID representative.



### FACTORY OFFICE

Lot 772 (10-14), Jalan Subang 4, Kawasan Perindustrian Sg. Penaga  
47620 Subang Jaya, Selangor Darul Ehsan, MALAYSIA.

+603-8081 4777 / 4776

+603-8081 4771

info@solidolutions.com.my www.solidolutions.com.my