

## PRODUCT INFORMATION

### SPECIFICATIONS

VYFLOOR SF is complies with ASTM D4060 & ASTM D2240.

### PACKAGING

VYFLOOR SF is packed 1 , 3, 12 kg kits

### COVERAGE

Rate of uses(theoretically) 5-7 m<sup>2</sup>/kg depends on the substrate nature

### SHELF LIFE

12 months if stored in original unopened packs.

### STORAGE

VYFLOOR SF should be stored in clean ground over plastic or wooden pallets out from direct sun at temperature between +5 °C to +35 °C

## DESCRIPTION

VYFLOOR SF is a two components solvent free, low viscosity epoxy primer. Designed to give high performance, superior adhesion and abrasion resistance.

VYFLOOR SF is used as a primer for epoxy floor coating system and surface hardener, can be mixed with filler and quartz sand to produce high mechanical resistant floors.

## TYPICAL APPLICATIONS

VYFLOOR SF is used for:

- Primer for epoxy flooring system
- Sealer for porous concrete surfaces
- Dust proof floor coating and surface hardener
- Primer for joint sealant
- Can be mixed with filler to produce high mechanical levelling putty
- Can be mixed with aggregates to produce mortar and screed
- Can be mixed with selected aggregates to produce decorative floors
- Use for decorative terrazzo floors
- Repair product for voids, cavities and cracks

## FEATURES

- Low viscous
- High coverage
- Excellent adhesion to concrete
- Hardwearing
- Excellent mechanical and abrasion resistance
- Multi-purpose use

## TECHNICAL PROPERTIES

FORM	Epoxy
APPEARANCE	Transparent
DENSITY	1.05 ± 0.05 kg/l
SOLID CONTENT	100%
POT LIFE	45 minutes      decreases at higher temperature
INITIAL SETTING TIME	6-8 hours
FINAL SETTING TIME	24 hours
FULL CURE	7 days
RECOAT TIME	8-14 hours
BOND STRENGTH	4-5 N/mm <sup>2</sup> to concrete 15-20 N/mm <sup>2</sup> to steel
CHEMICAL RESISTANCE	resist oils, fuels, vapours, gases, acids and alkalis
MIN. SUBSTRATE TEMPERATURE	10 °C

## INSTRUCTION FOR USE

### Surface preparation :

All surfaces must be sound, dry, clean and free from oils, greases and other contaminations. Concrete must be at least 3-6 weeks old. The substrate must be ≤ 6% pbw moisture content, relative air humidity 80% r.h. max and the substrate temperature 10 °C min. / 35 °C. Remove any loose particles, sharp edges and nips using wire brush or sand blasted. Any cavities, voids or cracks must be repaired.

### Mixing :

Place component B into component A and mix mechanically using a slow speed electric drill with 300 rpm till homogenous consistency obtained. Let out the mixture for about 2 minutes to avoid air bubbles

### Application :

Should be applied using roller, brush or sprayed. Should be allowed to become tack - free prior to the application of epoxy coating or self levelling floorings, but in case of epoxy mortar, it should be tacky.



## CLEAN UP

Clean all tools and application equipment with water immediately after use before the material hardens

## PRECAUTIONS

- Mixed epoxy resins will develop temperature during their curing period.
- This could result in heat generation and possible smoking if the material is unused and kept in bulk.
- Care should be-taken to use all mixed materials within the stated pot life or provide a well-ventilated place away from other materials until any exothermic reaction has taken place and the product can be disposed of properly.
- On vertical and overhead application to provide non sag adhesion film avoid thick coat application.
- In the case of damp surfaces make sure that the material well rubbed in.
- Take precautions to avoid inhalation of spray mist and contact with skin and eyes.
- Wear suitable protective clothing gloves, eye protection. if skin comes in contact it should be washed with fresh water and soap.
- Eyes contact should be cautiously washed with fresh water.
- The product non toxic and non hazardous according to health and safety codes

## TECHNICAL SUPPORT

For any technical support, please consult **VYCON** office or visit our website <http://www.vycon-eg.com>

## HEALTH AND SAFETY

Take precautions to avoid inhalation of spray mist and contact with skin and eyes. wear suitable protective clothing gloves, eye protection. if skin comes in contact it should be washed with fresh water and soap. eyes contact should be cautiously washed with fresh water. the product non toxic and non hazardous according to health and safety codes



**WARRANTY:** VYCON CONSTRUCTION CHEMICALS warrants that; (1) its products will perform substantially in accordance with the accompanying written materials for a period 1 year from the date of receipt. (2) The product will be free from defects in materials and workmanship under normal use for 1 year. In case of any product fails to conform to this warranty, VYCON will replace the product with no cost to the client. VYCON doesn't authorize anyone to make any written statement which may change the installation information or instructions of the product data. The wrong installation of the product which fails to conform to the instructions shall void the warranty.