



EnerFloor SF Epoxy Primer is a solvent free two pack epoxy primer cum sealer for heavy duty floors of factory, ramps, and industries.

KEY FEATURES

- Excellent chemical resistance to alkalis and acids also tough and durable for heavy traffic load.
- Excellent penetrating properties

INTENDED USAGE

- A sealer/ primer for concrete surfaces where EnerFloor SF-2K Epoxy Top Coat is to be applied.

APPLICATION GUIDELINES

Surface Preparation

Ensure that surfaces are dry, sound and free from dust, dirt, grease and oil before painting.

New Concrete Floor:

- The concrete should have been cured for at least 28 days and have less than 4% of moisture content.
- Floors should be sound and free from loose materials and contamination such as oil and grease.
- Excess laitance deposits should be removed by light mechanical scrubbing, grinding or grit/captive blasting followed by vacuum cleaning to remove dust debris.

Old Concrete Floor:

- A sound, clean substrate is essential to achieve maximum adhesion.
- Excess laitance deposits should be removed by light mechanical tool scrubbing, grinding or grit/captive blasting followed by vacuum cleaning to remove dust debris

Filling

Spot repair dents and cracks in the surface with mixture of 1 Part of EnerFloor SF Epoxy Primer and 2 parts of Fine Aggregate or with Epoxy filler.

Mixing

Material is supplied in two containers as a unit. Stir both components separately with a power mixer until homogeneous. Add the hardener to the EnerFloor SF Epoxy Primer base and mix thoroughly together. Mix 4 parts base with 1 part hardener. The product is ready to use, do not thin.

Application

- Mix the base and hardener of EnerFloor SF Epoxy Primer in the given proportion, mix only the required quantity for use, do not mix and store.
- Stir using slow speed drill and paddle.
- Pour the mixture on the floor and spread using medium pile hair roller or rubber spreader.
- Ensure any loose hair is removed from the roller.
- The primer should be dried to tack-free condition before

TECHNICAL PROPERTIES

Characteristics	*Values
Appearance	Semi Gloss
Generic Type	Epoxy
Volume Solids	Approx. 98%
VOC	21 g/l
Specific Gravity	Gravity at 73° F (23°C): 1.5
Recommended DFT per coat	100 µm Min to 200 µm (w/o aggregate) Max.
Flash Point	>150°F (66°C)
Theoretical Spreading Rate	280 ft ² / Gal (7 m ² /liter) @ 140 µm DFT

*Actual spreading rate will vary based on surface condition, wastage and film thickness applied.

applying the top coat. A second coat of primer may be required if the substrate is excessively porous.

- Light buffing and de-dusting is a must before application of subsequent coat.

CURING TIME

Characteristics	Values
Touch Dry	6h at 73°F (23 °C)
Dry to handle	24h at 73°F (23 °C)
Recoating	Min: 16h at 73°F (23 °C) Max: 48h at 73°F (23 °C)

CLEANING

Clean the equipment immediately after use with Epoxy thinner. All surplus materials and empty containers should be disposed-off in accordance with appropriate local regulations.

ENVIRONMENT CONDITIONS

	Surface Temp,	Ambient Temp,	Relative Humidity
Min*	50° F (10° C)	50° F (10° C)	10%
Max	86°F (30 °C)	104°F (40 °C)	80%

*Or 35°F (2°C) min. above dew point

COLORS

Transparent

PACKAGING SIZE

4.75 Gal (Base+ Hardener)



PRECAUTIONS

- Friable and powdery surfaces require special care before painting; contact manufacturer if in doubt.
- For health reasons, avoid dusting when preparing fiber cement surfaces. Keep surfaces wet and wash the residues with water.
- Do not paint under conditions of frost, dew, rain or fog or inclement weather.
Note: Painting under the above conditions may affect the performance of the paint film.
- Avoid painting during inclement weather or if temperature is below 50°F (10 °C).

STORAGE & HANDLING

Store away from direct sun, heat and severe cold.

SAFETY

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, wash with soap and water or a recognized skin cleaner.
- Avoid contact with eyes- In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.
- Do not smoke while painting.
- Flammable. Store in a cool dry place away from heat and sparks.
- Refer to Material Safety Data Sheet for complete information.

Disclaimer:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control. Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is sole responsibility of the user to ensure that the latest TDS is being used.

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