

1. Product Profile

StenCoat® 2EPM 230 is a two component, cold applied, chemically curing, epoxy based, self-leveling flexible crack suppression membrane. It has high mechanical resistance, flexibility and adhesion, and is suitable for heavy traffic conditions.

StenCoat® 2EPM 230 is available in 5kg sets.

2. Uses

StenCoat® 2EPM 230 is designed for applications that are subject to movement during or after the application. It is used for crack bridging membrane for use over concrete surfaces prior to the flooring's installation. It has excellent adhesion to concrete, metal and wooden surfaces, and provides a stable and durable repair. It is also used as filling or adhesive between two different surfaces. Due to its elasticity, it partially isolates movement of those two surfaces from each other.

3. Surface Preparation

The surfaces where **StenCoat® 2EPM 230** will be applied must be dry, free from contaminants such as oil, grease, sealant remains and loose particles. Dust and loose materials must be removed by pressurized air. Metal surfaces must be cleaned by brush.

StenCoat® 2EPM 230 adheres excellent on many surfaces without primer; however, primer must be used at places in contact with water and in applications on glass, plastic or rubber.

4. Application

It is helpful to keep the materials at 20-30°C for one day before the application date. During the application, surface and ambient temperature must be minimum 10°C and the temperature must not drop below 10°C for the 24 hours following the application.

StenCoat® 2EPM 230 is a two-component material. Components A and B are packed as sets to be completely mixed. In cases where one complete package cannot be used, the package must be weighed and partitioned, and the mix ratio stated on the package must be observed. Entire component B is added into the container of component A and they are mixed until a homogenous mixture is obtained. Mixed material must be used within the pot life and thickened materials must not be thinned and used. Applying

Epoxy Based Flexible Crack Suppression Membrane

Highlights

- 100% compatible with concrete and epoxy terrazzo systems
- High mechanical strength along with high elasticity
- Heavy-duty
- Cures fast, reduces down times
- Long lasting

the material with sufficient pressure and avoiding air entrapment will improve adhesion.

For crack isolation membrane application route out all cracks and repair them with **StenAst® 2EP** epoxy primer or **StenCare® 2EP 310/311** repair material. Apply **StenCoat® 2EPM 230** 1,50 - 1,60 kg/m² for a 1 mm thickness spread fiber glass scrim into wet membrane. Fiberglass scrim is optional for full-membrane coverage.

5. Cleaning

Application devices can be cleaned by using **StenSolver EP** after application.

6. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. Emptied packages must be handled in compliance with relevant regulations and laws.

7. Storage

The material must be kept in dry indoor storage away from direct sunlight. Recommended storage temperature is 10-30°C. Stored unopened in these conditions, the shelf life is 12 months.

8. Company Liability

The information contained in this document is based on site experience of and laboratory tests done by **Stenkim®** and meant to give general information. It is the purchaser's responsibility to ensure applicability of products to their use. All **Stenkim®** products are available in specified quality

and conditions. The company accepts no liability whatsoever unless the transportation, storage, application conditions and customer use are overseen by **Stenkim®**.

Stenkim® reserves the right to update all information contained in this document without notice.

9. Technical Data

Properties	Method	Results
Base Polymer		2 Component Epoxy
Solids Content %		100
Color		Grey
Density (A+B)		1.30 ± 0.1 g/cm ³
Durometer Hardness (Shore)	ASTM D 2240	D45±5
Thermal Compatibility	ASTM C 884	Pass
Elongation at Break	ASTM D 412	%140-160
Bond Strength	ASTM C-1583	380 psi (concrete failure)
Gelling Time @ 30°C	ASTM C 881	30 minutes
Cure Time for Heavy Trafficability @ 30°C		24 hours
Cure Time for Chemical Resistance @ 30°C		72 hours

Stenkim® reserves the right to make changes in the values in this table at any time.