

1. Product Description

StenCoat® 2EP 217 is a two-component, epoxy-based, thixotropic floor paint. It has high abrasion and chemical resistance. It can be used as an economical coating on concrete floors either on its own or as a topcoat over StenCoat® floor coating systems.

It is resistant to weak acids and bases, detergents, disinfectants, hydraulic oils, many solvents and fuels. **StenCoat® 2EP 217** reduces dusting, wetting, and water penetration, and increases the surface's resistance to soiling and oxidation.

2. Uses

StenCoat® 2EP 217 is used to improve the slip resistance, abrasion resistance and chemical resistance of concrete surfaces. It is suitable for creating high-roughness, highly slip-resistant and safe floors on industrial floors in places such as ramps, car parks, garages and warehouses. Surfaces coated with **StenCoat® 2EP 217** are easy to clean, dry quickly, and do not generate dust.

The coating preserves its color and abrasion resistance for a long time. It covers the cracks, defects and joints in the floor.

3. Application

3.1. Surface Preparation

Application surfaces must be clean and dry. Surface temperature must not exceed 40 °C. On seamless floor systems, glass surfaces and concrete floors in constant contact with water, the surface must be primed using **StenAst® S**; for all other applications, the surface must be primed using **StenAst® 2EP**. The time periods specified in the user manual of the primer used must be observed.

3.2. Application

It is recommended to condition the materials at 20-30 °C for one day before application. During the application, surface and ambient temperature must be at least 15 °C and the temperature must not drop below 15 °C for 24 hours following the application. **StenCoat® 2EP 217** is ready for application when components A and B are mixed.

The components are packaged so that one container of each yields the correct mixing ratio. In cases where a complete package will not be used, the package must be weighed and proportioned; the mix ratio stated on the package must be observed. Component B is poured into the container containing component A and the two components are mixed for 3-4 minutes at 300-500 rpm until they become homogeneous.

Mixed material must be used within the pot life. **StenCoat® 2EP 217** is spread on the surface with a notched trowel and finished with a textured roller. When used as a standalone coating on concrete or similar surfaces, it is applied in one or two coats at 500-600 g/m² per coat.

3.3. Cleaning

Equipment used can be cleaned with **StenSolver EP** at the end of the job.

Epoxy-Based Thixotropic Floor Paint

Highlights

- Solvent-free
- Forms a seamless coating that is hygienic, clean and durable
- Highly resistant to abrasion and chemicals
- Its textured finish creates a floor with high slip resistance
- Provides good adhesion to all types of substrates
- High chemical resistance and long service life
- Available in catalog colors



4. Safety

Applicators and supervisors must read the Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be disposed of in compliance with relevant regulations and laws. The application must be carried out by skilled workers under the supervision of experts and the applicators must use all personal protective equipment required for the worksite and the task such as goggles, mask and gloves.

5. Storage

Storage temperature must be between 5 and 30 °C. Packages must not be exposed to direct sunlight. Under these conditions, the material will retain its properties in unopened containers for 12 months from the production date.

Low temperatures may cause crystallization of the product; in this case, the product can be used after being warmed to +20 °C and homogenized. After prolonged storage, the product must be stirred thoroughly before use.

6. Disclaimer

This document is provided for general information and is based on **Stenkim®**'s laboratory data and field experience at the time of publication. **Stenkim®** reserves the right to revise this information without prior notice.

Stenkim® warrants that its products conform to the stated specifications on delivery. The buyer is responsible for determining the product's suitability for the intended purpose and for all conditions of transport, storage, application, and use. **Stenkim®** accepts no liability for results obtained under conditions outside its control. **Stenkim®**'s liability under this warranty is limited to replacement of non-conforming product and excludes any consequential or indirect damages.

7. Technical Data

Property	Method	Result
Base Polymer		Epoxy
Solids Content (by weight)	EN ISO 3251	100%
Color		Catalog
Density	EN ISO 2811-2	1.44 ± 0.03 g/cm ³
Application Thickness (per coat)		250-500 µm
Abrasion Resistance	ASTM D 4060 CS10/1000 rev/1 kg	100 mg
Hardness	EN ISO 868	D75-80
Adhesion Strength	EN 1542	> 5 MPa (concrete failure)
Pot Life @20 °C	EN ISO 9514	45 minutes
Tack-free Time @20 °C		5 hours
Full Cure Time		7 days
Shelf Life		1 year
Packaging		20 kg sets



Stenkim® reserves the right to make changes to the values in this table at any time. *CE: CE marked in accordance with EN 1504-2 (PR-C) (DoP STN-PRC-2EP217-0002).*

