

1. Product Description

StenCoat® 2EPV 250 is an epoxy-based, two-component, transparent, decorative semi-matte varnish. It has high dirt-pickup resistance. It is resistant to outdoor conditions. **StenCoat® 2EPV 250** prevents dusting, abrasion, wetting and water permeation of the surface it protects, and increases its resistance to oxidation and soiling.

2. Uses

StenCoat® 2EPV 250 is a varnish used to increase resistance to soiling and dusting without affecting the appearance of the coating. It can be applied to natural stone, granite, marble, unglazed ceramic tiles, wood or concrete. By covering cracks and joints in coatings, it increases the durability of the coating and extends its life.

Surfaces coated with **StenCoat® 2EPV 250** are easy to clean, dry quickly, and do not generate dust. The coating maintains its properties for a long time.

3. Application

3.1. Surface Preparation

Application surfaces must be clean and dry. Surface temperature must not exceed 40 °C. **StenCoat® 2EPV 250** can be applied without primer on absorbent surfaces. On non-absorbent surfaces, it is recommended to apply a primer coat diluted 1:1 with water.

3.2. Application

It is recommended to condition the materials at 20-30 °C for one day before application. During application, surface and air temperature must be at least 10 °C and the temperature must not drop below 10 °C for 24 hours following the application. To facilitate application and obtain a smoother surface, up to one part water can be added to three parts material.

StenCoat® 2EPV 250 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 at 300-500 rpm for 1 minute. After waiting 3-4 minutes, mix for another 1-2 minutes. During application, mix occasionally to prevent separation.

Mixed material must be used within the pot life. Material that has begun to thicken must not be diluted for reuse.

StenCoat® 2EPV 250 is applied by spraying or by brush and roller.

The desired surface texture depends on the method used and, if a roller is used, the type of roller. When used as a standalone coating on concrete or a similar surface, one or two coats are applied at 150-250 g per square meter per coat.

3.3. Cleaning

Equipment used can be cleaned with water at the end of the job.

Waterborne Epoxy-Based Floor Varnish

Highlights

- Self-levels and gives an even appearance
- Transparent; protects the surface on which it is applied without spoiling its appearance
- Covers cracks and joints in wood, tile, natural stone and similar coverings
- Unaffected by water, with good adhesion properties
- Has high resistance to dusting and dirt-pickup
- Easy to clean and dries quickly
- Water-based and can be easily applied in enclosed spaces



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.

Protect the product from freezing. Frozen material cannot be reused.

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)		35%
Color		Transparent
Density		1 ± 0.05 g/cm ³
Density (Dry Film)		1.12 ± 0.05 g/cm ³
Application Thickness (per coat)		50-100 µm
Pot Life @20 °C	EN ISO 9514	3 hours
Tack-free Time @20 °C		30 minutes
Full Cure Time		2 days
Shelf Life		1 year
Packaging		15 kg sets

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

