

## 1. Product Profile

StenCoat® 2EPV 301 is a two-component modified epoxy based, transparent, protective top coat. StenCoat® 2EPV 301 is resistant to many acids, bases and solvents. Prevents wetting and permeation of water and chemicals to layer below.

StenCoat® 2EPV 301 is available in 15 kg sets.

## 2. Uses

StenCoat® 2EPV 301 should be used on floors that are subject to incidental contact with aggressive chemicals. It can be used at chemical or food factories, machine shops, storage facilities, floors subject to aggressive cleaners such as disinfectants, industrial detergents, paint strippers, degreasers etc.

## 3. Surface Preparation

Application surfaces must be clean. Substrate temperature should not be above 40°C. The product can be used on glass, ceramic tiles, metal, tile and concrete surfaces without a primer. For applications on polymeric surfaces, the surfaces should be primed with StenAst® S.

## 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 15°C and the temperature must not drop below 15°C for the 24 hours following the application. The application should not be started if it is raining or there is a possibility to rain.

StenCoat® 2EPV 301 is prepared for the application by mixing two components. The components are packaged as they will mix at right proportions when one container from each is mixed. Component B is added into the container of component A and they are mixed for 2-3 minutes at 300-500 rpm. Mixed material must be used within the pot life and thickened materials must not be thinned and used.

## Epoxy Based Two Component Varnish

## Highlights

- Water-proof
- Low VOC content
- Protects the surface without changing its appearance
- High chemical resistance
- Resistant to outdoor conditions
- Forms a hygienic surface

The components are packaged as they will mix at right proportions when one container from each is mixed. In cases where one complete package cannot be used, the package must be weighed and proportioned, and the mix ratio stated on the package must be observed. The material should be used without any additives. Adding solvents or fillers significantly reduces chemical resistance

StenCoat® 2EPV 301 is applied by brush and roller. The application can be single or double coat, 100-160 g of material used per each square meter per coat.

## 5. Cleaning

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

## 6. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. The application must be carried out by skilled workers under supervision of experts and the applicators must use all kinds of protective equipment required for the worksite and the task such as goggles, mask and gloves.

Emptied packages must be handled in compliance with relevant regulations and laws.

## 7. Storage

The material must be kept away from sunlight in dry indoor storage. Recommended storage temperature is 10-30°C. Stored in these conditions, the shelf life of unopened containers are 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		Epoxy
Solid Content % (A+B)		96
Color		Transparent
Density		1.12±0.05 g/cm <sup>3</sup>
Application Thickness		90-150 microns
Pot Life @20 °C		30 minutes
Tack Free Time @ 20 °C		4 hours
Complete Cure Time		7 days

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