

1. Product Profile

StenCoat® ANTI UV is a polyurethane based, two component, transparent protective paint with high UV radiation absorption. It has excellent adhesion to many surfaces, primarily to polyurethane surface coatings and paints, and protects the lower surface from effects like discoloration, brittleness, softening caused by UV radiation. It creates a seamless and resistant coating and isolates the lower layer partly from other atmospheric effects.

StenCoat® ANTI UV is available in 20 kg packages.

2. Uses

StenCoat® ANTI UV is used as the protective final coat on exterior surfaces or interior surface coatings exposed to UV radiation. It also prevents damages from other UV sources such as halogen bulbs and welding arcs as well as sunlight. Although its main use is to prevent discoloration of floor, terrace and similar coatings, it can be applied as a general-purpose UV protector on all plastic, painted, natural rock surfaces.

3. Surface Preparation

Application surfaces must be clean and dry. Loose materials must be removed and parts in disrepair must be repaired. First a test application must be carried out on coatings which may discolor or be affected from the solvent StenCoat® ANTI UV contains.

If the application surface is new, clean and a StenFloor® or StenSport® brand polyurethane floor, StenCoat® ANTI UV can be used on the surface without surface preparation. In all other applications the surface must first be primed, StenCoat® ANTI UV must be applied after that.

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.

Polyurethane Based Transparent Protective Coating with High UV Absorbance

Highlights

- Polyurethane based, two-component
- Transparent
- High UV radiation absorption
- Can be used on all plastic, painted, natural stone surfaces such as polyurethane surface coatings and paints
- Protects the lower surface from effects like discoloration, brittleness, softening caused by UV radiation
- Sprayable

StenCoat® ANTI UV 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. 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.

Component B is added into the container of component A and they are mixed for 3-4 minutes at 300-500 rpm. Transparency of the components makes it impossible to observe mixing visually. Therefore, stated mixing time must be obeyed and mixing must not be stopped early. Mixed material must be used within the pot life and thickened materials must not be thinned and used.

StenCoat® ANTI UV is applied by spraying or manually by brush and roller. The application is carried out in single coat using 70-150 g of material per each square meter.

5. Cleaning

Equipment used can be cleaned with [StenSolver CL](#) end of the job.

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

Storage temperature must be between 5°C and 30°C. The packages must not be exposed to direct sunlight. Stored in these conditions, the shelf life is 12 months. Packages to be used must be kept at 20-30°C for a couple of days before the application. It is combustible and inflammable. It must be stored away from open fire and sources of ignition.

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	Results
Color	Transparent
Base Polymer	Polyurethane
Solids Content Weight %	55±3
Solids Content Volume %	50±3
Application Thickness, at each Coat	50-100 microns
Density (Dry Film)	1.12±0.05 g/cm ³
Abrasion Resistance (ASTM D 4060, Taber CS10 rev,1kg)	1 mg
Pot Life @20°C	1 hour
Tack Free Time @20 °C	12 hours
Complete Cure Time	2 days

[Stenkim®](#) reserves the right to make changes in the values in this table at any time.