

StenCoat[®] 2PU TOP UVP

1. Product Profile

StenCoat[®] 2PU TOP UVP is a polyurethane based, two component, decorative and protective top coat. Catalog colors are available. **StenCoat[®] 2PU TOP UVP** is resistant to chemical effects, outside conditions and UV radiation; it does not lose its elasticity and discolor. It prevents wetting of and water permeation to the surface and increases its resistance to oxidation and abrasion.

It perfectly adheres to concrete and metal, polyurea, epoxy and polyurathane surfaces. It is a long lasting and fast curing paint.

StenCoat[®] 2PU TOP is available as 15 kg and 5 kg sets.

2. Uses

StenCoat[®] 2PU TOP UVP can be used at all types of horizontal and vertical surfaces. It is specially designed to use over elastic coating such as polyurethane and polyurea. It is also useful for concrete and metal surfaces. Surfaces coated with **StenCoat[®] 2PU TOP UVP** are easily cleaned, easily dried and does not create dust. Coating preserves its color, elasticity, abrasion resistance, water impermeability and UV resistance for a long time. It covers the cracks, defects and joints of the floor and provides a smooth top coat and stops permeation of water.

3. Surface Preparation

Application surfaces must be clean and dry. Surface temperature must not be below 10°C or over 40°C. The surfaces must be primed with **StenAst[®] 2EP** or **StenAst[®] S**.

4. Application

Keeping the materials at 20 - 30°C for one day before the application date facilitates the application. During the application, surface and ambient temperature must be

Polyurethane Based, UV Resistant Paint

Highlights

StenCoat[®] 2PU TOP

- It is polyurethane based top coat.
- Catalog colors are available.
- It is resistant to UV radiation.
- It is resistant to outside conditions.
- It prevents wetting of and water permeation to the surface and increases its resistance to oxidation and abrasion.
- It is a durable coating; it does not lose its color and elasticity.
- It is an anti-dusting paint.
- It adheres perfectly to concrete, metal and many other surfaces.
- It is easy to apply.

minimum 10 °C and the temperature must not drop below 10 °C for the 24 hours following the application. The application should not be carried out if there is a possibility of raining.

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.

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StenCoat[®] 2PU TOP UVP is prepared for the application by mixing two components. The components are packaged such that one container from each are mixed for correct mix ratio. In cases where one complete set cannot be used, the contents 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 2 - 3 minutes at 300 - 400 rpm without letting air into the mixture. Mixed material must be used within the pot life and thickened materials must not be thinned and used.

StenCoat[®] 2PU TOP UVP is applied by spraying or manually by brush and roller.

The application can be single or double coat, 200 - 400 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 CL**.

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 5 - 30°C. The packages must not be exposed to direct sunlight. Stored unopened 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. Maintenance

The cleaning is carried out by normal methods like wiping and sweeping with water and detergent. Pressurized water can be used. Peeled and worn parts of the coating are cut off and patched.

9. 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.

StenCoat[®] 2PU TOP UVP

Technical Data

Property	Method	Result
Color		Color Catalog
Base Polymer		Polyurethane
Solids Content Weight %		65
Application Thickness, at each Coat		125-250 microns (dry film)
Density (A+B)		1.30±0.05 g/cm ³
Density (Dry Film)		1.60±0.05 g/cm ³
Abrasion Resistance	TS EN ISO 5470-1	500 mg
Impact Resistance	ASTM D 2794 2kg, 100cm	No damage
Radiation Resistance	200 hours, Xenon Arc	Unharmed
Pot Life @20 °C		60 minutes
Tack Free Time, @20 °C		2 hours
Complete Cure Time @20 °C		1 day

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