

# StenCoat<sup>®</sup> 2PU TOP

## 1. Product Profile

**StenCoat<sup>®</sup> 2PU TOP** is a polyurethane based, two component, decorative top coat. Catalog colors are available. **StenCoat<sup>®</sup> 2PU TOP** 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 surfaces. It is a long lasting and fast curing paint.

**StenCoat<sup>®</sup> 2PU TOP** is available as **7 kg** sets.

## 2. Uses

**StenCoat<sup>®</sup> 2PU TOP** can be used at all types of horizontal and vertical concrete and metal surfaces. It is especially used at facades. Surfaces coated with **StenCoat<sup>®</sup> 2PU TOP** 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 5°C or over 40°C. The surfaces must be primed with **StenAst<sup>®</sup> 2PU** or **StenAst<sup>®</sup> S**. The material itself can be thinned and used as a primer when two or more coats will be applied.

## 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 minimum 5°C and the temperature must not drop below 5°C for the 24 hours following the application. The application should not

## Polyurethane Based, Two Component Paint

### Highlights

#### StenCoat<sup>®</sup> 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.
- Despite its long pot life, it cures very fast after application.

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

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the task such as goggles, mask and gloves.

**StenCoat<sup>®</sup> 2PU TOP** 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. If necessary, it can be thinned by adding up to 20% **StenSolver PU**. Mixed material must be used within the pot life and thickened materials must not be thinned and used.

**StenCoat<sup>®</sup> 2PU TOP** is applied by spraying or manually by brush and roller. It is advised that the material be thinned up to 10% by **StenSolver PU** when it is applied with air gun, there is no need for thinning when it is applied with airless spray.

The application can be single or double coat, 150 - 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<sup>®</sup>** and meant to give general information. It is the purchaser's responsibility to ensure applicability of products to their use. All **Stenkim<sup>®</sup>** 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<sup>®</sup>**.

**Stenkim<sup>®</sup>** reserves the right to update all information contained in this document without notice.

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## Technical Data

Property	Method	Result
Color		Color Catalog
Base Polymer		Acrylic - Polyurethane
Solids Content Weight %		70
Application Thickness, at each Coat		80-200 microns (dry film)
Density (A+B)		1.17±0.05 g/cm <sup>3</sup>
Density (Dry Film)		1.33±0.05 g/cm <sup>3</sup>
Abrasion Resistance	ASTM D 4060 CS10/100 rev/ 1 kg	1 mg
Impact Resistance	ASTM D 2794 2kg, 100cm	No damage
Radiation Resistance	200 hours, Xenon Arc	Unharmed
Pot Life @20 °C		4 hours
Tack Free Time, 100 microns @20 °C		20 minutes
Complete Cure Time @20 °C		2 days

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