

## 1. Product Profile

**StenCoat® 2PUV 203** is a polyurethane based, two component, transparent, protective varnish. It is UV resistant and won't lose its flexibility or colour.

**StenCoat® 2PUV 203** prevents the surface from wetting and provides waterproofing. It increases the resistance against sun rays and oxidation.

**StenCoat® 2PUV 203** is available in 15 kg sets.

## 2. Uses

**StenCoat® 2PUV 203** can be used to waterproof every horizontal or vertical surface. Especially used on facades, terraces and wet rooms. Surfaces covered with **StenCoat® 2PUV 203** become easy to clean, quick-dry and won't dust. The coating retains its flexibility and abrasion resistance for a long time. It covers the cracks, faults and joints of the floor, providing it with a smooth top layer.

It provides waterproofing and prevents water damage by covering the joints, edge joints and cracks without spoiling the appearance of the surfaces such as wood, tiles, granite, marble, natural stone.

## 3. Surface Preparation

Application surfaces must be clean and dry. Surface temperature must not be over 40°C. Since the material can flow through large cracks, cracks wider than 1 mm should be repaired. Surfaces should be primed with **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 minimum 10 °C and the temperature must not drop below 10 °C for the 24 hours following the application.

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.

**StenCoat® 2PUV 203** is readied 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

## Polyurethane Based Two Component Transparent Protective Varnish

### Highlights

- Resistant to outside conditions
- Not effected from UV rays
- Protects the applied surface against water, rain and sun rays, prevents wearing
- Forms a smooth layer by covering cracks and ground faults
- Protects the surfaces such as wood, tiles, granite, marble, natural stone without spoiling the appearance
- Ideal for facades, terraces and wet rooms
- Easy to clean
- Long-lasting, does not lose flexibility, does not change colour

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. Since the product is transparent particular attention must be paid to the mixing time to ensure that the ingredients are mixed homogeneously. Mixed material must be used within the pot life and thickened materials must not be thinned and used.

**StenCoat® 2PUV 203** is applied by spraying or manually by brush and roller. The application can be single or double coat, 100 – 150 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 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	Method	Results
Base Polymer		Two Component Polyurethane
Solid Content Weight %		35
Appearance		Transparent
Density		1,00±0,1 g/cm <sup>3</sup>
Abrasion Resistance	ASTM D4060 Taber CS10/100rpm/1kg	5 mg
Impact Resistance	ASTM D2794 2 kg, 100 cm	No damage
UV Resistance	24 hours, Xenon Ark	Suitable
Pot Life @20 °C		1 hour
Tack Free Time @20 °C		8 hours
Total Curing Time		2 days

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