

1. Product Description

StenCoat® 2PU TOP FX is an acrylic-polyurethane based, two-component, decorative topcoat. **StenCoat® 2PU TOP FX** is resistant to chemicals, outdoor conditions and UV radiation; it does not lose its elasticity or color. It protects the coated surface from water penetration and improves its resistance to oxidation and abrasion.

2. Uses

StenCoat® 2PU TOP FX is applied to polymeric floor coatings to improve the resistance properties of the coating. Its flexibility, UV resistance, abrasion resistance, and slip resistance protect the coated surface. It is also preferred as a decorative paint on various surfaces.

3. Application

3.1. Surface Preparation

Application surfaces must be clean and dry. Application must not be carried out if the surface temperature is below 10 °C or above 40 °C. Epoxy and polyurethane substrates must be fully cured before the application.

3.2. Application

It is recommended to condition the materials at 20-30 °C for one day before application. During application, surface and air temperature must be at least 10 °C and the temperature must not drop below 10 °C for 24 hours following the application. Application must not be carried out if there is a possibility of rain.

StenCoat® 2PU TOP FX is ready for application when components A and B are mixed. The components are packaged so that one container of each yields the correct mixing ratio. In cases where a complete package will not be used, the package must be weighed and proportioned; 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 300-500 rpm without entraining air in the mixture. Mixed material must be used within the pot life, and thickened material must not be thinned and reused.

StenCoat® 2PU TOP FX is applied by spraying or by brush and roller.

The application is carried out in one or two coats, with 100-150 g per m² per coat.

3.3. Cleaning

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

4. Safety

Applicators and supervisors must read the Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be disposed of in compliance with relevant regulations and laws. The application must be carried out by skilled workers under the supervision of experts and the applicators must use all personal protective equipment required for the worksite and the task such as goggles, mask and gloves.

UV Resistant Elastic Polyurethane Paint

Highlights

- Resistant to indoor and outdoor conditions
- Resistant to UV radiation and does not discolor
- Protects the surface against water permeation
- Flexible, adapts to floor movement
- Ideal for protecting polymeric floors against adverse effects
- High protection with low consumption
- Easy to apply
- Provides a long application window
- Fast cure after application
- Available in catalog colors



5. Storage

Storage temperature must be between 5 and 30 °C. Packages must not be exposed to direct sunlight. Under these conditions, the material will retain its properties in unopened containers for 12 months from the production date.

Low temperatures may cause crystallization of the product; in this case, the product can be used after being warmed to +20 °C and homogenized. After prolonged storage, the product must be stirred thoroughly before use.

6. Disclaimer

This document is provided for general information and is based on **Stenkim®**'s laboratory data and field experience at the time of publication. **Stenkim®** reserves the right to revise this information without prior notice.

Stenkim® warrants that its products conform to the stated specifications on delivery. The buyer is responsible for determining the product's suitability for the intended purpose and for all conditions of transport, storage, application, and use. **Stenkim®** accepts no liability for results obtained under conditions outside its control. **Stenkim®**'s liability under this warranty is limited to replacement of non-conforming product and excludes any consequential or indirect damages.

7. Technical Data

Property	Method	Result
Base Polymer		Two-Component Polyurethane
Solids Content (by weight)		65% ± 5%
Color		Catalog
Density		1.29 ± 0.03 g/cm ³
Density (Dry Film)		1.5 ± 0.1 g/cm ³
Abrasion Resistance	EN ISO 5470-1 CS10/1000 rev	73 mg
Impact Resistance	EN ISO 6272-1	No Damage
Pot Life @20 °C		75 ± 15 minutes
Tack-free Time @20 °C		2 hours
Full Cure Time		1 day
Consumption		100-150 g/m ²
Radiation Resistance	200 hours, Xenon Arc	No Damage
Shelf Life		1 year
Packaging		15 kg sets

Stenkim® reserves the right to make changes to the values in this table at any time. *CE: CE marked in accordance with EN 1504-2 (PR-C) (DoP STN-PRC-2PUTOPFX-0002).*

