

1. Product Profile

StenCoat® 2PU TOP HD is a polyurethane based, two component, protective top coat. Catalog colors are available. StenCoat® 2PU TOP HD 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.

StenCoat® 2PU TOP HD is available in 15 kg sets.

2. Uses

StenCoat® 2PU TOP HD protects epoxy floor systems against UV radiation, scratches, abrasions and impacts. It can be used as a protective layer in all kinds of floor systems. Surfaces coated with StenCoat® 2PU TOP HD 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. Epoxy and polyurethane surfaces must be fully cured before the application.

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. The application should not be carried out if there is a possibility of raining.

StenCoat® 2PU TOP HD is prepared for the application by mixing two components. The components are packaged such that one container from each is 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

Polyurethane Based Heavy Duty Type Protective Floor Paint

Highlights

- Resistant to outdoor conditions
- Suitable for vehicle traffic
- Prevents water permeation
- Keeps its color and elasticity in time
- Ideal for protection of epoxy coatings
- Easy to clean
- Easy to apply
- Long lasting
- Long pot life, fast cure

container of component A and they are mixed for 2-3 minutes at 300-500 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® 2PU TOP HD is applied by brush and roller. The application can be single or double coat, 150-250 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 PU.

6. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. 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.

Emptied packages must be handled in compliance with relevant regulations and laws.

7. Storage

The material must be kept away from sunlight in dry indoor storage. Recommended storage temperature is 10-30°C. Stored in these conditions, the shelf life of unopened containers are 12 months.

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		Acrylic - Polyurethane
Solid Content % (A+B)		67
Color		Color Catalog
Density (A+B)		1.28 ± 0.05 g/cm ³
Density (Dry Film)		1.51 ± 0.05 g/cm ³
Consumption, at each layer		150-250 g/m ²
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	Unharmd
Pot Life of the Mixture @ 23 °C		4 hours
Tack Free Time, 100 microns @ 23 °C		20 minutes
Complete Cure Time @ 23 °C		2 day

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