

1. Product Description

StenSport® 2PU TOP is a polyurethane-based, two-component sports field and line marking paint. **StenSport® 2PU TOP** is resistant to abrasion, detergents, and UV rays; it does not lose its flexibility and does not change color.

2. Uses

StenSport® 2PU TOP is specifically developed for indoor and outdoor sports field surfaces. It is applied over **StenCoat® SD 601** applications. It is used both as a line marking paint and for complete field coverage.

In addition, it can be used as a traffic or decorative paint on any surface that requires flexibility and abrasion resistance.

3. Surface Preparation

Application surfaces must be clean and dry. It can be applied directly over **StenCoat® SD 601** applied within the last week. When more time has elapsed or when applied to different substrates, surfaces must be primed with **StenAst® S** or another suitable primer.

4. 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 should not be carried out if there is a possibility of rain.

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. **StenSport® 2PU TOP** is prepared for the application by mixing two components. The components are packaged so that one container of each yields the correct mixing ratio.

In cases where one complete package cannot 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. Mixed material must be used within the pot life, and thickened material must not be thinned and reused.

StenSport® 2PU TOP is applied by spraying or by brush and roller. The application is carried out in one or two coats, with 80-150 g per m² 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 the Material Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be handled in compliance with relevant regulations and laws.

Polyurethane-Based Indoor and Outdoor Protective Top Coat Paint

Highlights

- Fully resistant to indoor and outdoor conditions and cleaning chemicals
- Not affected by UV rays emitted from sources such as the sun and halogen lamps
- Flexible, adapts to substrate movement
- Can be used on all horizontal and vertical surfaces
- Resistant to sports activities
- Easy to clean and dries quickly
- Long-lasting; does not crack, flake or peel
- Catalog colors are available



7. 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 heating and homogenizing at +20 °C. The product must be stirred thoroughly before use after prolonged storage.

8. Disclaimer

This document is provided for general information and reflects **Stenkim®**'s laboratory data and field experience at the time of publication. **Stenkim®** reserves the right to revise this information at any time without 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 application and for all conditions of transport, storage, handling, 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.

9. Technical Data

Property	Method	Result
Base Polymer		Two-Component Polyurethane
Solid Content (by weight)		80
Volume Solids		67
Color		Catalog
Density		1.41 ± 0.05 g/cm ³
Density (Dry Film)		1.67 ± 0.05 g/cm ³
Application Rate (60 µm dry film)		125 g/m ²
Impact Resistance	ASTM D 2794, 2 kg, 100 cm	No Damage
UV Resistance	200 hours, Xenon Arc	Suitable
Pot Life @20 °C		30 minutes
Tack-free Time (100 µm) @20 °C		2 hours
Full Cure Time @20 °C		1 day
Shelf Life		1 year
Packaging		5 kg sets

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

