

1. Product Description

StenCoat® 2PU-Y is a polyurethane-based, two-component, abrasion-resistant, solvent-free road marking paint. **StenCoat® 2PU-Y** is resistant to traffic and outdoor conditions. Due to its UV resistance, it does not discolor and does not lose its mechanical properties under UV exposure.

2. Uses

StenCoat® 2PU-Y is used as a marking and line paint on surfaces such as asphalt, concrete, epoxy or polyurethane floor coatings. Since it does not contain solvents, it is preferred on sensitive asphalt surfaces such as airport runways. It can be used in all kinds of marking applications where service life is prioritized.

3. Application

3.1. Surface Preparation

Application surfaces must be as clean as possible. There must be no fuel, oil or water on the surface. Application must not be carried out if the surface temperature is below the dew point or above 50 °C.

3.2. Application

StenCoat® 2PU-Y 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. Because the material sets shortly after mixing, it is recommended that mixing be done with two-component spray equipment fitted with a static mixer.

Where this is not possible, the two components must be mixed together and used as soon as possible with conventional spray equipment. If a complete package will not be used at once, it should be divided by weight. Component B is completely emptied into the container holding component A and they are mixed at 200-400 rpm without entraining excessive air in the mixture.

Mixing time is 1-2 minutes. If necessary, it can be thinned by adding up to 10% **StenSolver PU**. Solvents must not be used on asphalt surfaces.

Reflective glass beads must not be mixed into the material; they must be sprinkled onto the paint after it is applied to the surface. Excess beads can be removed after one hour. Mixed material must be used within the pot life, and thickened material must not be thinned and reused.

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.

Traffic Line and Marking Paint

Highlights

- Two-component, polyurethane-based road marking paint
- Solvent-free
- Resistant to abrasion
- Resistant to traffic and outdoor conditions
- Resistant to UV radiation and does not discolor
- Available in catalog colors
- Available in 20 kg sets



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
Color		Color Catalog
Base Polymer		Polyurethane
Solids Content (by weight)	EN ISO 3251	100%
Application Thickness		600-1500 µm
Density	EN ISO 2811-2	1.3 ± 0.1 g/cm ³
Hardness (Shore A)	EN ISO 868	A85
Abrasion Resistance (CS17, 1000 cycles, 1 kg)		137 mg
Time to Open to Traffic		2 hours
Shelf Life		1 year
Packaging		20 kg sets

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

