

StenCoat[®] 2PU-Y

1. Product Profile

StenCoat[®] 2PU-Y is a polyurethane based, two component, solvent-free road marking paint with high abrasion resistance. Catalog colors are available. **StenCoat[®] 2PU-Y** is resistant to traffic and outdoor conditions.

StenCoat[®] 2PU-Y is available in **20kg** sets.

2. Uses

StenCoat[®] 2PU-Y is used as a marking paint on surfaces such as asphalt concrete, cement concrete, polyurethane or epoxy floorings. It is preferred for high-value asphalt surfaces such as asphalt pavements in an airport, since it does not contain solvents. **StenCoat[®] 2PU-Y** is especially preferred whenever durability is prioritized.

3. Surface Preparation

Application surfaces must be as clean as possible. There shouldn't be standing water, oil or fuel on the surface. Application should not be done if it is below dew point or above 50°C.

4. Application

StenCoat[®] 2PU-Y is prepared for application by mixing two components. Both components are packaged separately in proportional mixing ratios. Using a two component, metering spray machine with static mixer is recommended as the material cures quickly after mixing. When this is not possible, two components should be manually mixed and applied by a normal spray equipment as soon as possible.

If the contents of a set cannot be used at once, it should be proportioned by weight. Container of component B is completely emptied on component A and they are mixed at 200-400 rpm without letting air enter into the mixture. Mixing time is 1-2 minutes.

Polyurethane Based, Solvent-free Road Marking Paint

Highlights

StenCoat[®] 2PU-Y

- It is two component polyurethane based.
- It is resistant to outdoor conditions.
- It does not damage asphalt pavements
- It doesn't chalk.
- It is abrasion resistant.
- It is durable.

It can be thinned by using up to 10% **StenSolver[®] PU**. Solvents should not be used on asphalt surfaces.

Reflective glass spheres should be broadcast on to paint. They must not be mixed in. Excess glass beads can be removed after a few hours.

Mixed material must be used within the pot life and thickened materials must not be thinned and used.

5. Cleaning

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

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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 of unpacked material 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. Maintenance

The cleaning is carried out by normal

methods like wiping and sweeping with water and detergent. Pressurized water can be used. Peeled and worn parts of the coating are cut off and patched.

9. 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.

Technical Data

Property	Result
Colors	Color Catalog
Base Polymer	Polyurethane
Solids Content Weight %	100
Application Thickness	600-1500 microns
Density (Dry Film)	1.33±0.1 g/cm ³
Pot life @20 °C	10 minutes
Tack Free Time @ 20°C	30 minutes
Cure Time for Trafficability	2 hours

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