StenCoat® 2PU-Y PLUS

1. Product Profile

StenCoat® 2PU-Y PLUS is a polyurethane based, two component, UV resistant, solvent-free road marking paint with high abrasion resistance. StenCoat® 2PU-Y PLUS is resistant to traffic and outdoor conditions, it does not discolor or lose its mechanical properties under UV radiation sources. Catalog colors are available.

StenCoat® 2PU-Y PLUS is available in 20 kg packages.

2. Uses

StenCoat® 2PU-Y PLUS 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 PLUS is especially preferred whenever durability is prioritized.

3. Surface Preparation

Application surfaces must be clean, dry and sound. Remove all oil, dust, grease, dirt, loose rust and other foreign material to ensure adequate adhesion. Application should not be done if it is below 10°C or above 50°C.

4. Application

StenCoat® 2PU-Y PLUS 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.

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

Polyurethane Based
UV Resistant
Solvent-Free
Road Marking Paint

Highlights

- Two component polyurethane paint
- Resistant to UV radiation
- Solvent-free
- Resistant to outdoor conditions
- Does not damage asphalt pavements
- Doesn't chalk
- Abrasion resistant
- Durable

Reflective glass spheres should be spread 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.

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.

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7. Storage

The material must be kept in dry indoor storage. Recommended storage temperature is 10-30°C. Stored in these conditions, the shelf life of unopened containers are 12 months. Packages to be used must be kept at 20-30°C for a couple of days before the application.

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	Results
Colors	Color Catalog
Base Polymer	Polyurethane
Solids Content Weight %	100
Application Thickness	600-1500 microns
Density	1.93±0.05 g/cm^3
Hardness Shore A	85
Abrasion Resistance (CS17, 1kg, 1000 rpm)	137 mg
Pot life @20 ºC	30 minutes
Tack Free Time @ 20ºC	90 minutes
Cure Time for Trafficability	5 hours

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

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