

1. Product Description

StenCoat® PT 102 is a heavy-duty protective coating composed of modified coal tar and solvents, with additives and fillers that improve adhesion and abrasion resistance. **StenCoat® PT 102** prevents microbial and plant growth. When it dries, it forms a water-impermeable layer.

It is resistant to salt water and chemically contaminated water, organic and inorganic acids and alkalis, hydraulic oils, fuels, antifreeze, kerosene and many chemicals. **StenCoat® PT 102** improves the water impermeability of asphalt surfaces, provides resistance to UV radiation and ozone, and increases resistance to oxidation. It prevents blistering and surface deterioration due to contamination and oxidation. It reduces the need for maintenance and repair of asphalt surfaces, significantly extending their service life.

2. Uses

StenCoat® PT 102 is used to protect against corrosive chemicals, repair, and improve the appearance of asphalt surfaces at airports, roads, parking lots and similar locations.

3. Application

3.1. Surface Preparation

Application surfaces must be clean and dry. Loose materials must be removed and parts in disrepair must be repaired. Cracks wider than 1 mm must be filled with **StenSeal® 2PT 110**.

3.2. Application

Ensure adequate ventilation during application. See Safety section for precautions regarding coal tar and solvent content. 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 must not be carried out if there is a possibility of rain. **StenCoat® PT 102** is applied with pressurized spray equipment or with a brush or roller. The application method is determined according to the scope of the work, surface characteristics and job site conditions.

StenCoat® PT 102 is ready for use and is applied without adding anything. **StenSolver PU** can be used if thinning is required. Best results are achieved with two-coat application.

In areas with heavy-duty conditions, a third coat can be applied. If the application environment is humid, the material must be applied in multiple thinner coats so that it is less affected by moisture. The amount of **StenCoat® PT 102** applied is 150-250 g/m² per coat.

It is advised to apply at least two coats. However, these amounts may vary depending on surface roughness.

3.3. Cleaning

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

Heavy-Duty Protective Coating for Asphalt Surfaces

Highlights

- Modified coal tar based
- Prevents microbial and plant growth
- Forms a water-impermeable layer
- Has high chemical resistance to fuels, hydraulic oils, kerosene and antifreeze
- Resistant to salt water and chemically contaminated water
- Can be applied with pressurized spray equipment, brush or roller



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. **StenCoat® PT 102** does not contain asbestos or heavy metals.

StenCoat® PT 102 contains solvent. Since it contains coal tar, it must not be used indoors or in direct contact with drinking or service water. 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. This product is not offered for sale in EU and EFTA countries.

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.

The product is flammable and ignitable. Keep away from open flames and ignition sources. 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
Base Polymer		Polyurethane
Solids Content (by volume)	EN ISO 3233-2	50% ± 3%
Solids Content (by weight)	EN ISO 3251	56% ± 3%
Color		Black
Density	EN ISO 2811-2	1.03 ± 0.05 g/cm ³
Density (Dry Film)	EN ISO 2811-1	1.16 ± 0.05 g/cm ³
Bend Test @-25 °C (5 mm mandrel)		Pass
Chemical Resistance - Jet A1		Pass
Tack-free Time @20 °C		4 hours
Minimum Overcoat Time @20 °C		2 hours
Maximum Overcoat Time @20 °C		24 hours
Full Cure Time		1-3 days
Consumption		150-250 g/m ²
Shelf Life		1 year
Packaging		18 kg packages

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

