StenCoat® PT 102

1. Product Profile

StenCoat® PT 102 is a heavy-duty type sprayable coating based on concentrated refined coal tar modified with polymers, solvents, additives and fillers improving adhesion and abrasion resistance. StenCoat® PT 102 especially does not allow microbiological contamination and vegetation. It forms an impermeable coat. It is resistant to salty and chemically contaminated water, organic and inorganic acids and alkalis, oils, fuels, antifreezes and many chemicals.

StenCoat® PT 102 increases impermeability of asphalt surfaces, provides UV radiation and ozone resistance, increases its resistance against oxidation. It prevents peeling and surface deterioration due to contamination and oxidation. It decreases the need for maintenance and repair of asphalt pavements, increases their service lives significantly.

StenCoat® PT 102 is available in 18 kg packages.

Heavy Duty Type Protective Coating for Asphalt Surfaces

Highlights

- Modified coal tar based heavy-duty coating
- Does not allow microbiological contamination and vegetation
- Forms a water impermeable coat
- Has high chemical resistance to oils, fuels and anti-freezes
- Resistant to salty and chemically contaminated water
- Sprayable

2. Uses

StenCoat® PT 102 is used in protecting, repairing and beautifying all types of asphalt surfaces at airports, highways, parking lots and motorways.

3. Surface Preparation

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

4. Application

It is helpful to keep the materials at 20 30°C for one day before the application date. During the application, surface and ambient temperature must be minimum 15°C and the temperature must not drop below 15°C for the 24 hours following the application.

StenCoat® PT 102 is applied by means of pressurized spray application equipment or by brush or roller. Application method is determined depending on the scope of the work, surface properties and worksite conditions.

StenCoat® PT 102 is ready to use; it can be applied without any additives. Toluene or xylene can be used if thinning is required. Optimal performance and proper results are attained by double coat application. A third coat can be applied at places subject to harsh conditions. If the application environment is humid, material should be applied in thinner but in more coats so that the material is less affected from moisture. The amount of StenCoat® PT 102 applied is 150-250 gr/m^2 per coat. It is advised to apply at least two coats. However, these amounts may differ depending on the surface roughness.

5. Cleaning

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

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6. Safety

StenCoat® PT 102 does not contain asbestos and heavy metals. StenCoat® PT 102 contains solvent. Since it contains coal tar, it is unsuitable for indoors use or in direct contact with drinking and utility water. It must not be used at such places.

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 between 5°C and 30°C. The packages must not be exposed to direct sunlight. Stored in these conditions, the shelf life 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. 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	Black
Base Polymer	Polyurethane
Solids Content Weight %	56±3
Solids Content Volume %	50±3
Consumption	150 - 250 gr/m2
Density (As supplied)	1.03±0.05 g/cm^3
Density (Dry Film)	1.16±0.05 g/cm^3
Bend Test @ -25°C, 5mm Mandrel	Pass
Chemical Resistance – Jet A1	Pass
Tack Free Time @20 °C	4 hours
Minimum Curing Time for Top Coat @ 20°C	2 hours
Maximum Curing Time for Top Coat @ 20°C	24 hours
Complete Cure Time	1-3 days

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