

1. Product Description

StenCoat® 2EP CT is a heavy-duty corrosion protection coating produced from processed coal tar, additives and epoxy resin. It is solvent-free. It forms a non-brittle, water-impermeable protective layer with very high mechanical and chemical resistance.

It protects surfaces exposed to sea water against corrosion.

StenCoat® 2EP CT prevents microbial and plant growth.

2. Uses

StenCoat® 2EP CT is used to protect surfaces exposed to seawater contact and salt-water damage against corrosion, as well as interior and exterior surfaces in wastewater and sewage systems and exterior surfaces in clean-water facilities. It is also used on terraces and in under-roof areas, foundation and structural walls, municipal infrastructure, industrial facilities, waterworks, dams, underground canals, foundations, pipelines, highway culverts, water canals, and for underground foundation waterproofing in all kinds of construction. It can be applied vertically or horizontally on concrete, asphalt, steel or wooden surfaces. Since it contains coal tar, it must not be used indoors or in direct contact with drinking or service water.

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.

3.2. Application

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. **StenCoat® 2EP CT** is ready for application when components A and B are mixed.

First, the component A container is opened and the component is mixed for 1-2 minutes at 300-500 rpm. Component B is poured into the container of component A and they are mixed for an additional 2-3 minutes. Avoid entraining air into the mixture.

Mixed material must be used within the pot life. Material that has begun to thicken must not be diluted for reuse.

StenCoat® 2EP CT is applied by airless spray or manually with a brush or roller.

Two-component airless-type equipment enables faster curing and thicker single-coat application. With this type of equipment, there is no need to mix the two components beforehand. Cracks 1 mm or wider in the substrate must first be filled with the material; surface application must be carried out after the filling process. Application can be carried out in a single coat or multiple coats; application thickness has no effect on the curing of the material.

3.3. Cleaning

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

Epoxy and Coal-Tar-Based Protective Coating

Highlights

- Epoxy and processed coal tar based
- Solvent-free
- High mechanical and chemical resistance
- Protects the coated surface against the corrosive effects of sea water
- Prevents microbial and plant growth
- Can be applied by airless spray, brush or roller
- Very long-lasting



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. 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.

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		Epoxy
Solids Content (by weight)		100%
Application Thickness (per coat)		200-1000 µm
Color		Black
Density		1.44 ± 0.05 g/cm ³
Hardness (Shore)	EN ISO 868	D85-90
Pot Life @20 °C		20 minutes
Tack-free Time @20 °C		3 hours
Full Cure Time		1 day
Shelf Life		1 year
Packaging		20 kg sets

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

