

## 1. Product Description

**StenCoat® 2EP CT** is a heavy-duty corrosion protection coating produced from processed tar, additives and epoxy resin. It is solvent-free. It forms a waterproof protective layer with very high mechanical and chemical resistance that is not brittle.

It protects surfaces exposed to sea water against corrosion.

**StenCoat® 2EP CT** notably prevents microbiological formations and vegetation.

## 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 terrace and roof areas, foundation and retaining walls, municipal infrastructure, industrial facilities, waterworks, dams, underground canals, foundations, pipelines, motorway 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. Surface Preparation

Application surfaces must be clean and dry. Loose materials must be removed and parts in disrepair must be repaired.

## 4. 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 prepared for the application by mixing two components.

First, component A is homogenized in its container for 1-2 minutes at 300-500 rpm. Component B is poured into the container of component A and they are mixed for 2-3 minutes more. 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.

Faster curing and thicker single coat application is possible in applications with two-component airless type application equipment. With this type of equipment, it is not required to mix 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 single or multi coat; application thickness has no effect on the curing of the material.

## 5. 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 refined coal tar based
- Solvent-free
- Very high mechanical and chemical resistance
- Protects against corrosive effects of sea water
- Prevents microbiological contamination and vegetation
- Can be applied via airless spray, brush or roller
- Very long-lasting



## 6. Safety

Applicators and supervisors must read the Material Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be handled in compliance with relevant regulations and laws. The application must be carried out by skilled workers under supervision of experts and the applicators must use all kinds of 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.

## 7. 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 heating and homogenizing at +20 °C. The product must be stirred thoroughly before use after prolonged storage.

## 8. Disclaimer

This document is provided for general information and reflects **Stenkim®**'s laboratory data and field experience at the time of publication. **Stenkim®** reserves the right to revise this information at any time without 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 application and for all conditions of transport, storage, handling, 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.

## 9. Technical Data

| Property                         | Method     | Result                        |
|----------------------------------|------------|-------------------------------|
| Base Polymer                     |            | Epoxy                         |
| Solid Content                    |            | 100                           |
| Application Thickness (per coat) |            | 200-1000 µm                   |
| Color                            |            | Black                         |
| Density                          |            | 1.44 ± 0.05 g/cm <sup>3</sup> |
| 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.

