

1. Product Profile

StenCoat® 2EP GPC is a two-component epoxy based, protective paint for inner surface of gas pipes. It forms a smooth layer that helps flow and protects the gas pipes from corrosion.

StenCoat® 2EP GPC is available in 200 L barrel sets.

2. Uses

StenCoat® 2EP GPC is used as a single-coat protective paint to coat inner surfaces of gas pipes that carry dry and sweet natural gases. Designed to increase the flow while protecting the surface.

3. Surface Preparation

It is recommended to sand blast the surface before application. If sand blasting can't be done the surface should be cleaned by a rotating brush and other available means. Dust due to sand blasting or brushing must be cleaned off. If grease, oil, old coatings and any kind of chemical waste are existent, they must be cleaned of by chemical or mechanical methods. The application should be made before the metal surface become dirty or corrode. Moisture and wetness on the surface should be avoided.

4. Application

StenCoat® 2EP GPC is prepared for application by mixing two components. The components are mixed in 4:1 (A:B) volumetric ratio. If the application conditions require material to be thinned, volumetric mixing ratio of the components may change. User must make sure the adequate mixing ratio is maintained.

The preferred method for **StenCoat® 2EP GPC** application is via an automatic metering, airless spray. The components should be mixed with a static mixer, before feeding into spray nozzle. The application is done in a single coat. Application thickness should be between 80-120 microns.

However, it is also possible to manually mix and spray the components with and airless or air gun.

Epoxy Based Gas Pipe Coating

Highlights

- Single-coat application
- High corrosion resistance
- Pinhole free surface
- Quick cure
- Long-lasting protective coating

Keeping the products at 20-30°C for a couple of days before the application eases the application. Mixed material must be used within the pot life and thickened materials must not be thinned and used.

During the application, the pipe interior will have a high concentration of volatile and flammable materials. Adequate fire prevention measures must be always maintained around the application area.

5. Cleaning

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

6. Safety

Required safety measures must be observed during the application of the material and the applicators must use protective clothing, gloves and goggles. Applicators and supervisors must read Material Safety Data Sheet (MSDS) of the material.

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.

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

Property	Result
Base Polymer	Epoxy
Appearance – Color	Red-Brown
Solid Content – by weight	77%
Solid Content – by volume	62%
VOC content	252 g/l
Density - Component A	1.51 ± 0.05 g/cm ²
Density - Component B	0.89 ± 0.05 g/cm ²
Density - Mixture A+B	1.39 ± 0.05 g/cm ²
Application Thickness (DFT)	80-120 microns
Consumption for 85micron DFT	190 g/m ²
Pot life @20°C	180 minutes
Curing time @20°C	24 hours

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