

1. Product Description

StenCoat® ACV-1 is a polyacrylate-based surface protector and anti-dusting agent that creates a sealed protective layer on concrete surfaces. It is used to prevent abrasion and dusting that may occur on cured concrete surfaces.

2. Uses

StenCoat® ACV-1 creates a protective layer on the concrete surface. It increases the resistance of concrete to carbonation and ion permeability. It increases concrete strength by impregnating concrete surfaces. Thanks to its special chemistry, it is also used to prevent dusting that may occur on the concrete surface. A transparent, protective film forms on surfaces treated with **StenCoat® ACV-1**, sealing the surface. Due to these properties, **StenCoat® ACV-1** can be safely used on all types of horizontal and vertical large concrete surfaces exposed to external conditions.

3. Application

3.1. Application

StenCoat® ACV-1 application is done immediately after the concrete surface has cured or the forms are removed, before the joint cutting phase. Since it is a flammable material containing solvent, smoking must be strictly prohibited during application, and ignition sources such as welding and cutting machines must be avoided. After **StenCoat® ACV-1** application in open areas, the concrete surface must be protected from external factors such as rain for 24 hours.

When a transparent and glossy appearance is desired on the surface or to increase concrete dusting resistance, a second coat of **StenCoat® ACV-1** is applied 24 hours after the first coat. After the application, the drying time of the material is 1 hour at 20 °C. Consumption is 150-250 g/m² depending on the absorbency of the concrete surface.

3.2. Cleaning

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

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.

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 material is flammable. Keep away from open flames and ignition sources. After prolonged storage, the product must be stirred thoroughly before use.

Surface Protector and Anti-Dusting Agent

Highlights

- Prevents dusting on concrete surfaces
- Increases the abrasion resistance of concrete
- Can be used indoors and outdoors
- Has water-repellent properties
- Increases concrete's resistance to carbonation and ion permeability
- Can be applied to old concrete surfaces



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
Chemical Composition		Acrylic Polymer Solution
Color		Transparent
Solids Content (by weight)	EN ISO 3251	20%
Density	EN ISO 2811-2	0.92 ± 0.05 g/cm ³
Flash Point		22 °C
Drying Time		1 hour
Shelf Life		1 year
Packaging		15 kg packages

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

