

## 1. Product Profile

**StenCoat® 3EP GRIP** is a three-component epoxy based, transparent, nonskid coating. It is resistant to outdoor conditions along with pool chemicals, weak acids and bases, detergents, disinfectants, fuel oil, hydraulics, etc. **StenCoat® 3EP GRIP** prevents dusting of, wetting of and water permeation to the surface and increases its resistance to dirt pickup and oxidation.

**StenCoat® 3EP GRIP** is available in 5.2 kg sets.

## 2. Uses

**StenCoat® 3EP GRIP** is used for improving anti slip properties, abrasion resistance and chemical resistance of surfaces without changing its appearance. It is used in order to reduce slipping risks and improve safety especially at wet areas, pool perimeters, bath tubs, tile floorings, kitchen floors, building entrances, restaurants, shopping malls, hotels and etc. It be used on concrete, metal, plaster, wooden, granite, ceramic tiles, natural stone and similar surface coatings to improve their chemicals and abrasion resistances without changing the appearance of the surface. It covers the joints and cracks of the surface. The surfaces coated with **StenCoat® 3EP GRIP** can be easily cleaned.

## 3. Surface Preparation

Application surfaces must be clean and dry. Surface temperature must not be over 40°C. On seamless floorings, glass surfaces and in case of continuous water contact **StenAst® S** should be used as the primer. On concrete, plaster and similar porous or absorbent surfaces **StenAst® 3EP** should be used. For other types of surfaces **StenAst® 2EP** should be used. The application temperatures mentioned in the user manual of the primer must be observed.

## 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. The application should not be started if it is raining or there is a possibility to rain.

**StenCoat® 3EP GRIP** is prepared for the application by mixing three components. The components are

## Epoxy Based Transparent Non-Skid Varnish

### Highlights

- Provides anti-skid properties at wet surfaces such as bath tubs, pool edges, kitchens
- Transparent, protects the surface without changing its appearance
- Ideal for frequent contact with water
- Comfortable, does not irritate skin
- Long lasting
- Resistant to outdoor conditions

packaged as they will mix at right proportions when one container from each is mixed. Container of component B is completely emptied on component A and they are mixed at 300-500 rpm without letting air enter into the mixture. Mixing time is 3-4 minutes. C component is either added to this mix or could be applied after A and B components mix applied to the surfaces. It is recommended that the package is weighed and proportioned if an entire package will not be used. Mixed material must be used within the pot life and thickened materials must not be thinned and used. The mixing time should be carefully observed since the material is transparent.

**StenCoat® 3EP GRIP** is applied by spraying or manually by brush and roller. The application on marble, tile floorings, acrylic bath tub, glass 150-175 grams of material used. When used directly on concrete or a similar surface, the application can be double or triple coat, 300-500 g of material used per each square meter per coat. In this case C component should be added only at finishing coat.

## 5. Cleaning

Equipment used can be cleaned at the end of the job with [StenSolver EP](#).

## 6. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. 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.

Emptied packages must be handled in compliance with relevant regulations and laws.

## 7. Storage

The material must be kept away from sunlight 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

Properties	Method	Results
Base Polymer		Epoxy
Solid Content % (A+B)		58
Color		Transparent
Density (A+B)		1.00 ± 0.05 g/cm <sup>3</sup>
Density (Dry Film)		1.14 ± 0.05 g/cm <sup>3</sup>
Application Thickness, at each layer		80-200 microns
Durometer Hardness	ASTM D2240	D 60-70
Abrasion Resistance	ASTM D4060 CS17/1000 rev/1 kg	3 mg
Adhesion	ASTM-D 4541 (on concrete)	>780 psi (concrete failure)
Adhesion	ASTM-D 4541 (on stainless steel)	>1500 psi
Pot Life of the Mixture @ 23 °C		1 hour
Tack Free Time @ 23 °C		15 minutes
Cure Time for Light Traffic @ 23 °C		1 day
Complete Cure Time @ 23 °C		3 days

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