

TRESTJERNER Sigural Epoksy Gulvmaling A

Product description

Type

TRESTJERNER Sigural Epoksy Gulvmaling is a two-component water-thinned epoxy paint for indoor use. The product consists of a pigmented hardener part and an epoxy part that are mixed together.

Features and benefits

Excellent durability and chemical resistance. The product provides a very good protection against mechanical wear, water spills, oils and chemicals.

Recommended use

For interior application. The product is used on masonry and concrete surfaces in laundry rooms, quad rooms, basements, stairs, garage floors, storage halls, industrial floors, workshop and food industry, gas stations and floors and walls in agriculture. The product can be applied to suitable, pressure-resistant, straightening material.

Product data

Packaging size	Kit (A+B): 1 L and 3 L. Part A: 6.2 L. Part B: 3 L.
Colors	Pre-mixed colours: Kit : Clear primer, Skygrå, Varmgrå, Sølvgrå and Stålgrå. Pre-mixed colours: part A: Skygrå, Varmgrå, Sølvgrå and Stålgrå.
Gloss level	Glossy (50–70)
Solids by volume	49 ± 2 volume%
Specific gravity	1.2
Flash point	Closed cup: 65°C (149°F)
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/j): 140 g/l. The product contains max 140 g/l VOC.

Application data

Remarks

Be sure to use the same production number on the same surface to avoid color differences. On a substrate previously treated with a non-alkali-resistant oil or alkyd paint, a saponification may occur. The paint will cure poorly and dropping from the substrate. Wear protective gloves; avoid skin contact.

Application equipment / methods

Jordan Gulvlakkpensel Perfect or Jordan Malerull Perfect for jevne flater.

Cleaning of painting tools

Cleaning with some soap and water.

Spreading rate and film thickness

	Spreading rate per coat (m ² /liter)	Film thickness per coat (µm)	
		Wet (calculated)	Dry (calculated)
Recommended:	5 - 8	125 - 200	61 - 98
Comments:	Dependent on the surface texture.		

Thinner

Water.

Conditions during application

Temperature and humidity significantly affect the curing time. It is not recommended to paint when the temperature of the air and surface is lower than 15 °C, as this will reduce the product's final quality. Ensure good air circulation. If necessary use a hot air blower.

Drying times

The drying time is significantly affected by changes in temperature, humidity and film thickness. It shall be at least 12 hours but not more than 48 hours between coats. If there are more than 48 hours between the coats, the floor must be sanded before painting. Ensure good ventilation during curing of the film.

The drying time is measured by stated values:

Air temperature 23 °C

Substrate temperature 23 °C

Recoatable, minimum 12 hours.

Must be repainted within Must be repainted within 48 hours.

Dry to use / careful use 24 hours. Heavier loads: 48 hours.

Directions for use

Surface preparation

The substrate shall be clean and free from oil, grease and loose particles.

Previously painted surfaces to be degreased with **BUTINOX Husvask og Kraftvask** (diluted with water 1:10) and sanded.

Newly molded floors must dry for at least 2 months before painting, depending on concrete thickness (normally 1 cm per week) and relative humidity in the concrete must be below 85%. Newly molded or untreated floors must be machine-slotted or acid washed to remove sludge and any curing membrane. For acid washing a 10-15% hydrochloric acid solution is used. Leave on for 15 minutes and rinse well with clean water. Acid washing should not be done on a floor without drainage or the possibility of good flushing. Alternative to acid washing is machine grinding.

Topcoat

Pour part B into Part A. Stir well and wait approx. 10 min before the mixture is used. The mixture must be used within 1.5 hours.

First, apply the paint with a flat brush along the edges. Then paint the rest of the floor.

On steel smoothed hard concrete, prime with 1 coat thinned **TRESTJERNER Sigural Epoksy Gulvmaling** in the wanted color (thinned about 10% with water after the mixing of A + B component); - then 2 coats of undiluted paint.

Prime looser, absorbent plaster and concrete surfaces with **TRESTJERNER Sigural Klar Grunning** and then apply 2 coats of paint in the desired color.

Maintenance

Newly painted surfaces must not be cleaned the first week (the product's curing time). The product has very good washability when finished curing.

Management, Operation and Maintenance

Please refer to the FDV datasheet for information regarding maintenance and repair of the painted surface.

Storage

In storage and in transport keep the container frost free and upright.

Disposal of waste

Empty containers and paint residues must be delivered at community waste disposal or the nearest recycling center.



Environmental labelling

BREEAM[®] NOR The product is tested after 3 days (SP) according to the testing requirements set by BREEAM NOR.

Green Building Standards

The declared product meets the following requirements:

- The emission requirements for M1: Classification of Indoor Environment 2008 (LVI 05-10440, 2014)
- Property criteria in BASTA (2018:A2)

BREEAM[®] NOR (2016)

Hea 02: VOC content for "Two-pack reactive performance coatings for specific end use such as floors" (140 g/l) (EU Directive 2004/42/CE) and emission demands (ISO 16000-series).

Mat 01: Product-specific Type III EPD (ISO 14025;21930, EN 15804) for Scandinavia.

Mat 01: The product Safety Data Sheet confirms that the product does not contain any substances on the Norwegian A20 list.

BREEAM[®] NOR (2012)

Hea 02: VOC content for "Two-pack reactive performance coatings for specific end use such as floors" (140 g/l) (EU Directive 2004/42/CE) and emission demands (ISO 16000-series).

Mat 1.3: Product specific type III EPD (ISO 14025, ISO 21930, EN 15804) for Scandinavia.

Mat 1.5: This product Safety Data Sheet confirms that the product does not contain any substances on the Norwegian A20 list.

Additional certificates and approvals may be available on request.

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4.

Handling and storage, refer to section 7.

Transport information, refer to section 14.

Regulatory information, refer to section 15.

Miscellaneous

Contact information

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Disclaimer

The information in this document is given to the best of Scanox' knowledge, based on laboratory testing and practical experience. Scanox' products are considered as semi-finished goods and as such, products are often used under conditions beyond Scanox' control. Scanox cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Scanox reserves the right to change the given data without further notice.

Users should always consult Scanox for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the Norwegian (Norway) version will prevail.