

TRESTJERNER Betongmaling

Product description

Type

TRESTJERNER Betongmaling is a semi-gloss, acrylic waterborne paint for concrete floors / concrete surfaces.

Features and benefits

The concrete paint has low odor and is easy to apply. **TRESTJERNER Betongmaling** dries quickly, does not yellow and forms a durable, hard and washable surface that has good adhesion to the substrate. The product can be mixed in many colors.

Recommended use

TRESTJERNER Betongmaling is used indoors on untreated and previously treated concrete floors with normal wear. Can also be used on concrete walls.

The product should not be used directly on freshly cast concrete until it has hardened; nor on damp surfaces.

On loaded floor surfaces such as storage and industrial floors, workshop and garage floors with traffic, parking garage etc - use **TRESTJERNER Sigural Epoksy Gulvmaling**.

Product data

Packaging size	2.7 L and 9 L
Base availability	A, B and C.
Tinting	Bases should be tinted before use.
Gloss level	Semi gloss (40)
Solids by volume	37 ± 2 volume%
Specific gravity	1.2
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/i): 140 g/l. The product contains max 90 g/l VOC.

Application data

Remarks

Stir well before use. Contents of tins with different production numbers should be mixed to avoid possible colour deviations.

Application equipment / methods

Brush, felt roller / microfibre roller or spray.

Use recommended tools for waterborne paints.

Apply evenly and rich in 2-3 coats depending on substrate and color. Previously painted concrete floors are applied two coats; untreated surfaces are applied three coats.

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:	8 - 10	100 - 125	37 - 46

Thinner

Water.

Conditions during application

Temperature of air and substrate must be above +10 °C when using the product.

Drying times

Low temperature, high humidity and consumption beyond the recommended amount will prolong the drying time and recoating interval.

The drying time is measured by stated values:

Relative Humidity (RH)	50 %
Air temperature	23 °C
Substrate temperature	23 °C

Dust dry	Ca 1 hour
Recoatable, minimum	Ca 4 hours
Dry to use / careful use	24 hours

Full abrasion resistance: after minimum 72 hours.
 Avoid water load for the first 2-3 weeks after application. The paint needs 2-3 weeks to achieve full film properties.

Directions for use

The substrate must be clean and dry and solid and free of fats, oils and other contaminants. Dirty surfaces are cleaned with **BUTINOX Husvask og Kraftvask** and rinsed well with water. Damage to the concrete is rectified. Loose plaster and residual cement sludge must be removed mechanically, acid washed. Steel smoothed concrete must be machine-slotted or acid washed.

Substrate	Treatment
Fresh concrete:	Newly cast concrete floors must dry for a minimum of 1 week per cm thickness of concrete before applying TRESTJERNER Betongmaling (eg. 4 cm concrete thickness = 4 weeks drying). Utreated surfaces are applied 3 coats TRESTJERNER Betongmaling .
Absorbent or porous substrates:	Absorbent or porous substrates must be treated with TRESTJERNER Betongolje before painting. Utreated surfaces are applied 3 coats TRESTJERNER Betongmaling .
Previously painted surfaces:	On previously painted surfaces remove loose paint and clean with BUTINOX Husvask og Kraftvask (diluted with water 1:10) or TRESTJERNER Gulvrens . Glossy surfaces should be sanded. Previously painted concrete floors are applied 2 coats TRESTJERNER Betongmaling .

Maintenance

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 (RISE) 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)
- Class D according to Bedömningskriterier (Assessment Criteria) 6.0 for SundaHus (2013)

BREEAM® NOR (2012/2016): Hea 09/02: VOC content for One-pack performance coatings (140 g / L) (EU Directive 2004/42/CE) and emission requirements (ISO16000 series).

BREEAM® NOR (2012/2016): Mat 1.3/01: Product specific type III EPD (ISO 14025, ISO 21930, EN 15804) for Scanox AS.

BREEAM® NOR (2012/2016): 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.