

Product data sheet

Product

Robust™ Flislim – Hvit

Description

White and highly flexible thin-bed mortar with very high adhesive strength. For walls and floors as well as indoors and outdoors. For laying marble, granite mosaic tiles, glass mosaic tiles, natural stone that is not susceptible to discolouration, porcelain, glass and ceramic. For bonding to concrete, cement screed, anhydrite screed, dry screed, gypsum planks, gypsum plasterboard and gypsum fibreboard, lime cement and cement plaster, gypsum plaster, tiles onto existing tiles, wooden surfaces as well as onto balconies and patios. Suitable for use on underfloor heating systems and electrical panel-heating systems. Is recommended for subsequent white grouting.

- Natural stone and mosaic adhesive.
- Walls and floors.
- Indoor and outdoor.
- Suitable for use on underfloor heating.
- Hydraulically hardening tile adhesive.
- Reduction of colouration with light and natural stone.
- Good workability.
- High flexibility.
- Very high adhesive strength.
- High stability under load in the wall and floor area.
- Frost-resistant and waterproof after hardening.
- White colour.

Preparation

The subsurface must be load-bearing, dry, clean and dust-free as well as free of coatings and absorbent. Any loose paint or dust must be removed. The subsurface must be cleaned thoroughly in advance. All traces of cleaning agents must be completely removed from the subsurface. Recommended substrates are lime cement and cement plaster, cement screed as well as formwork release oil-free formwork released concrete.

Absorbent surfaces like cement-based, gypsum-based and fibre cement, gypsum plasterboard and gypsum fibreboard can be pretreated with Robust™ Primer - Sugende. The primer will have dried out and turned transparent after approximately 30 minutes.

Non absorbent surfaces like existing tiled subsurfaces must be primed with Robust™ Primer – Ikke sugende and allowed to dry completely. After approx. 1 hour, the Robust™ Primer – Ikke sugende is no longer dissolvable.

Mixing

To prepare the mortar, sprinkle the contents of the bag into the water (5kg bag with approx. 1.3 litres) and mix until smooth and free of lumps using an appropriate mixing tool/agitator. Let the mixture rest and mature for approx. 5 minutes and then mix it again quickly before applying within a max. of 4 hours. Adhesive that is already developing rigidity may not be diluted with water or mixed with dry powder.

Application

Always apply enough mortar, using a notched spreader, to ensure that the tiles bond over their entire surface. Do not apply the tile adhesive to an area larger than can be tiled within the laying time (approx. 30 minutes). Once a skin starts to form on the surface, no further tiles may be laid. In permanently wet areas such as swimming pools or patios and balconies, the adhesive must also be spread evenly over the underside of the ceramic tiles (buttering-floating method).

When bonding on underfloor heating systems, observe the following: the underfloor heating must be switched off at least 1 day in advance of the application and may not be switched on again until the mortar has hardened (approx. 7 days). The size of the area of application depends on the absorbency of the subsurface and the speed of working. The area of application in each case must be no larger than the area on which you are able to lay tiles before a paste-like moist bed of adhesive.

The wall and floor surfaces can be grouted after approx. 24 hours. The floor surface can be loaded after 7 days. Very low emissions. White, prevents the adhesive from shining through.

Consumption

Format	Notches	Quantity required
Mosaic tiles	4x4x4mm	approx. 1.5 kg/m ²
Tiles	6x6x6mm	approx. 2.3 kg/m ²
Larger formats	8x8x8mm	approx. 3 kg/m ²

The amount required depends on the type and size of the tiles, the inclination angle of the toothed trowel used as well as the properties of the subsurface.

Drying time

+20°C and 50% RH

Do not process at air, material and subsurface temperatures below +5°C or above +30°C. Freshly applied material must be protected from drying out too quickly and from unfavourable weather conditions (such as strong sunlight, frost, rain, wind, etc.). Grouting can commence after approx. 24 hours.

Storage

To be stored dry, in unopened original packaging. Best result is achieved when used within 1 year after manufacturing date.

Technical data

Hydraulically hardening thin-bed mortar, Class C2 TE as defined by DIN EN 12004. Meets the requirements of the guideline on flexible mortars. S1 deflection in accordance with DIN EN 12002.

Cement in accordance with DIN EN 197. Low-chromate, very low emissions, EC 1PLUSR in accordance with GEV-EMICODE.

Processing time: approx. 4 hours.

Water required: approx. 1.3 liters per 5 kg bag.

Working time: approx. 30 min.

Walked on after: 24 hours. Fully loaded: 7 days.

Jointing: approx. 24 hours.

Processing temperature: +5°C to +30°C and 50% RF.
(air, material and subsurface temperature).

Colour: White.

Safety

The product contains cement, which is classified as irritating, and hydrated lime, which may be corrosive. Avoid contact with skin and eyes. Use appropriate protective clothing, gloves and safety goggles. For health, safety and environment information please read the safety data sheet at www.robustnorge.no.

Packaging

5 kg bag.

GTIN

7090040902603

Item no

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Nobb

Warning

All details in this technical information are based on our current knowledge and experience. They are non-binding and do not release the buyer from the duty to undertake their own tests for suitability for the intended application and purpose. A guarantee for the general validity of all details is ruled out with regard to the different processing and construction site conditions. The general rules for construction engineering as well as the valid standards and guidelines must be observed. The publication of this technical information replaces all previous editions. Changes in the scope of product and application engineering further development are reserved. Please obtain the latest information from our internet sites, www.robustnorge.no.

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