

Product data sheet

Product

Robust™ Flislim – Lett

Description

Lightweight, highly flexible thin-bed adhesive with extremely high adhesive strength. 35% higher yield. For walls and floors, indoors and outdoors. Meets the requirements for C2TES1 and the guideline on flexible mortars. Very low emissions. For laying tiles and slabs made of earthenware, stoneware and fine stoneware, split tiles, mosaic tiles, glass mosaic tiles, cast concrete blocks and natural stone that is not susceptible to discolouration. For bonding to concrete, cement screed, gypsum plasterboard and gypsum fibreboard, fibre cement panels, old tiled surfaces, cement and lime-cement plaster, gypsum plaster, mastic asphalt (indoors) magnesite, xylolith and anhydrite screed.

- 35% higher yield than conventional flexible adhesives.
- Particularly light, smooth and easy to process.
- Highly flexible.
- For indoor and outdoor use.
- For walls and floors.
- Optimised for large-format tiles on the floors and walls.
- On balconies, patios and façades.
- Suitable for use on underfloor heating systems and electrical panel-heating systems.
- On alternative sealing material.
- Good deformation capacity and stress compensation.
- Extremely high adhesive strength.
- High stability floor area.
- Extremely high stability under load on the wall.
- Long working time.
- Frost-resistant and waterproof after hardening.
- Mineral.

Preparation

The subsurface must be load-bearing, dry, clean and dust-free. 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. Priming the surface ensures that the pores of the surface are closed and thus regulates the absorbency. Choose the right primer.

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 adhesive, sprinkle the contents of the sack into approximately 9.5 liters of water and mix using a suitable mixer/agitator until the mixture is smooth and free of lumps and has a workable consistency. Let the mixture rest and mature for approximately 3 minutes and then mix it again before applying. Use within a maximum of 4 hours. Adhesive that is developing rigidity may not be diluted with water or mixed with dry powder.

Application

Always apply enough adhesive, using a notched spreader, to ensure that the tiles bond over their entire surface. Do not apply the adhesive to an area larger than can be tiled within the available working time (approximately 30 minutes). Once a skin starts to form on the surface, no further tiles may be laid. For heavy-duty surfaces (e.g., patios and balconies outdoors or indoor industrial floors and sales areas), the tiles must be laid using the buttering / floating method. The instructions provided by the tile manufacturer must be observed.

Consumption

Notches	Quantity required
4x4x4mm	approx. 0.9 kg/m ²
6x6x6mm	approx. 1.3 kg/m ²
8x8x8mm	approx. 1.7 kg/m ²
10x10x10mm	approx. 2.1 kg/m ²

Drying time

+23°C and 50% RH

Processing time is approx. 4 hours. Open time is approx. 30 min. 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, or rain, etc.). Jointing works can commence after approx. 12 hours for wall tiles and after approx. 24 hours for floor tiles. The technical details are valid at +23°C and 50% relative humidity.

Storage

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

Technical data

Meets the requirements for S1 as defined in DIN EN 12002. Meets the requirements for Class C2 TE hydraulically hardening thin-bed mortars as defined in DIN EN 12004. Meets the requirements of the guideline on flexible mortars. Very low emissions, EC1PLUSR in acc. with GEV-EMICODE. Cement in accordance with DIN EN 197. Low-chromate.

Processing time (+23°C and 50% RF): max 4 hours.

Water required: approx. 9.5 liters per 20 kg bag.

Resting time: approx. 3 min.

Working time: approx. 30 min.

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

Jointing: Walls: approx. 12 hours. Floors: 24 hours.

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

Packaging: 20 kg bag.

Colour: Light grey.

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

20 kg bag

GTIN

7090040902580

Item no

258

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Warning

Recommendations and technical details in this data sheet is based on the best of our knowledge and experience. However, we cannot guarantee that all information in the datasheet is complete and correct. Anyone who plan to use the product must ensure beforehand that the product is suitable for the intended use. The user alone is responsible for any consequences from using the product. Always download the most recent documentation available online on www.robustnorge.no.

Date of issue

01.06.2016

Company

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