

Product data sheet

Product**Robust™ Avretting - Inne. 5-60 mm.**

Description

Quick-setting, self-levelling screed. Suitable for levelling of concrete floors, concrete elements, chipboards, wooden floors, tile - and clinker floors. Suitable as underlay for carpets, linoleum, vinyl, wooden floors, tile- and clinker floors. With its high content of polymer, Robust™ Avretting - Inne offers excellent wear-resistance and adhesion to the underlying surface and can therefore be used as finished flooring in, e.g. offices, institutions, warehouses and other factory areas that are subject to lighter loads. Most epoxy and paint products are suitable for aftercare. Also used for covering radiant heating systems like electrical wires or hot water tubes. In areas, like bathrooms, where there is continuous exposure to water, Robust™ Våtromsmembran must be applied on top of the screed.

- Can be laid as finished flooring, in thicknesses 5- 60 mm
- Pumpable and self-levelling flooring.
- Volume-stable. For large, joint-free areas.
- Fast drying
- Just add water

Preparation

The surface must be well-suited, firm and free of any loose particles, cement slurry, dust or other impurities that could prevent sufficient adhesion to the surface, which should have a tensile strength of min. 1 MPa on the surface. The cleaned surface is primed until the surface is saturated, before the work is started. Avoid the formation of primer puddles. Choose the right primer.

Absorbent surfaces like screed, concrete, masonry, chipboard and gipsumbased boards are primed with Robust™ Primer - Sugende. Strong absorbent surfaces should be primed several times until the surface is non absorbent. The primer dries quickly and the floor can be covered after approx. 30 min.

Non absorbent surfaces like floorpaint, tiles and other non absorbent surfaces should be primed with Robust™ Primer - Ikke sugende. Smooth surfaces should be grinded down before the primer is applied. The primer dries fast and can be covered after approx. 1 hour.

Robust™ Kantlist is mounted on all walls against the floor and columns. This is to decouple and absorb movements in the structure. On weak/ failing constructions or where underfloor heating is installed, Robust™ Gulvarmering must be used. The

reinforcement is anchored to the substrate using staples or other suitable support. Robust™ Avretting - Inne must be laid out in min. 20 mm thickness. Robust™ Stenglist is used for refinement and partitioning of the floor. Robust™ Nivåpinner mounted to mark the heights.

Mixing

Manual mixing is done with a slow-rotating drill with a two-bladed propeller mixer attached. The water amount can be adjusted from 3-3,8 liters of water. The water amount is reduced to achieve a more firm consistency. For a more flowing consistency, use the maximum water amount. Pour 80% of the water in a mixing tub. Next, add the dry powder and mix thoroughly while gradually adding the remaining water. Mix well until the mixture is free of lumps and very fluid. For large projects, it is a good idea to use a mortar pump.

Application

The mixture is poured (or pumped) on the floor continuously in strings parallel to the wall. Pour the next string a little into the previous so that the compound will keep flowing in the same direction. Layer thicknesses must be between 5-60 mm. The mixture must be used in one operation. To achieve the best possible result, smooth the surface with a serrated edge trowel, spiked roller or another suitable tool. When used for covering radiant heating systems like electrical wires or hot water tubes and when applied on flexible surfaces, a layer of min. 20 mm thickness is required, and it must be reinforced with Robust™ Gulvarmering. When used as top flooring, Robust™ Avretting - Inne must receive a finishing treatment with e.g. Robust™ Top (matte or blank). Robust™ Avretting - Inne shall not be used outdoors, and when used in wet rooms / bathrooms, Robust™ Våtromsmembran must be applied on top.

Consumption

Approx. 1,7 kg/mm//m²

Drying time

+20°C og 50% RF

Opening time is 15-20 min. Do not mix more than you can lay out in one operation. The walk on hardness time is 1-3 hours. Robust™ Avretting - Inne is ready to be covered with tiles or clinker (without membrane) after approx. 3-4 hours. After approx. 12-24 hours Robust™ Våtromsmembran can be applied in bathrooms. After 12-24 hours the screed can endure light traffic. Floor heating can be turned on after approx. 1 week. Cooled surroundings in the construction and/or cooled products will diminish the liquidity and the product's curing and drying properties. Likewise, high temperatures can also affect the product's properties by shortening the working time and by speeding up drying. Newly applied screed should be protected towards rapid drying from draught, high room temperature, direct sun light etc.

Storage

To be stored dry, in unopened original packaging. Best result is achieved when used within 6 months after manufacturing date.

Technical data

Material type: Fast-setting cement-based liquid flooring material with fibre, intended for indoor use.

Layer thickness: Ca. 5 to 60 mm.

Water required: Ca. 3-3,8 litres per 20 kg bag.

Ambient temperature: Between +5°C to +25°C.

Pot life of mixture: 15-20 minutes depending on temperature.

Compressive strength: 30 MPa after 28 days.

Consumption: Ca. 1.7 kg/m²/mm.

Curing time: Walked on: approx. 1-3 hours. Ceramic tiles: approx. 3-4 hours. Light traffic and covering with closed surfaces/membrane: approx. 12-24 hours.

Largest grain size: max 1 mm.

Environment: Ammonia, - and formaldehyde free.

Limitations: For indoor use only. Do not expose the screed to frost during the drying/curing period. No permanent water exposure. Used in bathrooms, Robust™ våtromsmembran must be applied on top.

Safety

The product contains cement, which is classified as irritating due to content of calcium oxide. 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 bags.

GTIN

7090040901521

Item no

152

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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ProJekt™