

# Product data sheet

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**Product****Robust™ Fiberpuss - Hvit**

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**Description**

High-yield lightweight filling mortar, for fixing and bonding thermal insulation panels and for mesh-reinforced plastering on insulation and cement-based surfaces. Water-repellent. For outdoor and indoor applications.

For bonding of polystyrene and mineral wool insulation panels and for fibre-reinforced plastering and smoothing of insulation panels (EPS/XPS) and other surfaces such as concrete, all types of masonry, lime-cement plasters, cement plasters, synthetic resin plasters, with subsequent thin finishing plaster layer. For fixing, plastering and smoothing extruded insulation panels for perimeter insulation. For renovating, reinforcing and rehabilitating old plasters and smoothing uneven subsurfaces.

- Easy to process, both by hand and machine.
- Good workability
- Sprayable
- Fibre-reinforced
- Weatherproof and UV-resistant
- High yield
- High adhesive strength
- Water-repellent
- Stress-relieved and low-shrink
- Quality controlled.
- Binder in accordance with DIN EN 197
- Closed-pore mineral aggregates in accordance with DIN EN 13055.
- Low-chromate

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**Preparation**

All load-bearing, dust-free subsurfaces, such as concrete, all types of masonry, lime-cement plasters, cement plasters, synthetic resin plasters, and paint are suitable surfaces plastering and which insulation panels can be bonded. All loose material, soft or crumbling plaster, dirt and poorly bonded layers of paint must be removed. Absorbent surfaces should be pre-watered or primed with Robust™ Primer - Sugende. Insulation panels (EPS/XPS) should not be primed.

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**Mixing**

Process by hand, or with conventional plaster mixing machine, until a smooth paste is obtained. Approx. 5 litres of water is required for each 20 kg bag. 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. Add a little more water if necessary.

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**Application**

**Plaster:** When used as plaster and reinforcing mortar, apply in a total layer thicknesses of 7-8 mm. The mortar can be applied by hand or with suited pump. Before plastering, all details (corners etc.) should be mounted. The plaster is in the first layer applied in 4-6mm thickness using an 8x8x8 mm notched trowel. Lay the alkali-resistant Robust™ Armeringsduk vertically or horizontally onto the fresh mortar layer without any folds or wrinkles. Use a trowel to push the mesh gently into the mortar and spread the mortar to close the surface over the mesh without any air pockets. Overlap each piece of mesh with at least 10cm. When the plaster is hardened the second layer can be applied in 3-4 mm thickness. The surface should be pre watered between the layers. The mesh is placed in the middle of the plaster and should never be applied directly on the subsurface. As a precaution to prevent cracks, pieces of mesh is mounted in the second layer, around corners of doors and windows. Finishing treatment is performed with a cement float or brush when the plaster has set. When applied as a subsurface, it should be applied in min. 4mm thickness. Avoid applying plaster on a hot substrate or in direct sunlight.

**For bonding insulation panels:** Apply the adhesive mortar in a line around the edges of the insulation panels and place several daubs of mortar on the surface of the panels. Apply sufficient adhesive mortar to ensure that approximately 60% (and no less than 40%) of the panel surface is covered with adhesive mortar after the panel has been put in place. Do not allow the adhesive mortar to squeeze into the panel joints. Remove the excess mortar if this happens. If the subsurface is very flat and even, the adhesive can be spread uniformly across the insulation panels using a notched trowel (10x10x10 mm). The drying time is dependent on the weather conditions, min. 24 hours/mm.

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**Consumption**

Approx. 1 kg/mm/m<sup>2</sup>. 20 kg of Robust™ Fiberpuss - Hvit dry mortar produce approx. 20 litre of fresh mortar when mixed to the correct consistency.

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**Drying time**  
+20°C and 50%RH

Processing time is approx. 1-2 hours. When the surface has hardened, Robust™ Murmaling can be applied as a waterproof and permeable paint. When other products are applied, please use the manufacturer recommendations. Recommended drying time is 24 hours/mm. The fresh reinforcing layer must be protected from drying out too quickly as well as from the influence of unfavourable weather (such as rain, high/low temperatures, frost, etc.). Do not carry out processing at air and surface temperatures below +5°C.

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**Storage**

To be stored dry, in unopened original packaging. Best result is achieved when used within 12 months after manufacturing date.

**Technical data****Mortar group:** CS III. EN 998-1**Processing time:** approx. 1-2 hours.**Drying time:** approx. 24 hours/mm.**Water required:** approx. 5 litres per 20 kg bag.**Yield:** approx. 1 litre per kg.**Consumption:** approx. 1 kg/m<sup>2</sup>/mm.**Grain size:** 0-1 mm.**Processing temperature:** +5°C to +30°C.**Colour:** White.**Safety**

This product contains cement and produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes. See also the information printed on the bag. For health, safety and environment information please read the safety data sheet at [www.robustnorge.no](http://www.robustnorge.no).

**Packaging**

20 kg bag

**GTIN**

7090040901163

**Item no**

116

**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](http://www.robustnorge.no).

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