



5300 netfix

Flexible, grey cement based fiber reinforced glue-reinforcement plaster for installing polystyren plates, mineral fiber isolation boards and lamella plates.

- **Cement-based, diffusion opened**
- **Fire and weather resistant**
- **Easy to prepare and apply**

mira 5300 netfix is a dry mixture that after mixing with water is ready to use.

mira 5300 netfix is used for reinforcing insulation materials (such as facade-polystyrene boards, facade mineral wool boards etc) with the mira uninet fibreglass mesh as a part of the External Thermal Insulation Cladding System (ETICS). Suitable for reinforcing and rendering other substrates such as concrete, masonry, lightweight concrete and aerated concrete. Suitable for use as a reinforcement render as well as adhesive in the miratherm ETICS.

5300 netfix is available in 25 kg bags.



Building part

- ☒ Wall
- ☒ Outdoors

Substrate

- ☒ Concrete
- ☒ Masonry
- ☒ Lightweight concrete
- ☒ Aerated concrete
- ☒ Ceramsite
- ☒ Cement render
- ☒ Lime cement render
- ☒ Mineral facade render
- ☒ Polystyrene board
- ☒ Mineral wool board

Product description

A flexible, gray cement based fiber reinforced glue-reinforcement plaster for installing and reinforcing polystyrene plates, mineral fiber isolation boards and lamella plates. A miratherm product.

Technical data

Water vapor diffusion resistance factor	$\mu < 20$
Water absorption coefficient	$W < 1 \text{ kg/m}^2\text{h}^{0,5}$
Coverage	4,5–5,0 kg/m ²

Areas of use

mira 5300 netfix is used for reinforcing insulation materials (such as facade-polystyrene boards, facade mineral wool boards etc) with the mira uninet fibreglass mesh as a part of ETICS. Suitable for reinforcing and rendering other substrates such as concrete, masonry, lightweight concrete and areated concrete. Suitable for use as a reinforcement render as well as adhesive in the miratherm ETICS.

After applying mira 5300 netfix, the following products can be used: 5370 silicone kratz, 5360 silicone reibe, 5335 quartz grund, decogranit and decoquartz.

Pre-treatment of substrate

The surface of the polystyrene boards or mineral wool boards must be level. If necessary, the surface must be smoothed down and the dust removed.

The mineral substrates must be stable, dense, clean of dust, grease, oil, cement laitance and other similar substances. Salts, mold, algae and other factors that hinder adhesion must be removed or processed. Weaker parts of the substrate must be removed and repaired.

Priming

Absorbent substrates must be primed using mira 4180 primer. Other substrates must be moistened while using mira 5300 netfix. Mineral substrates must be rendered level before reinforcement.

Mixing

The glue should be mixed in a ratio of 0,25 litres of clean water to 1 kg of dry mixture. Let the mortar sit for 10 minutes and then mix it again thoroughly. The best result is achieved with a drill mixer. Then the product is ready for use.

Application

The insulation boards must be covered with mira 5300 netfix using a notched trowel. The reinforcement net mira uninet is pressed into the wet mortar. Ensure at least 10 cm overlap between two strips of the net. Then the surface must be levelled.

The fibreglass mesh must not be visible from the mortar. Use the wet on wet method. The total layer thickness should be 3–4 mm. Before level reinforcement, the window profiles need to be reinforced, and the corners of openings should be reinforced diagonally.

Temperature

The minimal air and substrate temperature is +6°C. Avoid too high temperatures and direct solar radiation.

Working time

The pot life of mira 5300 netfix is 2–3 hours. Do not apply mira 5300 netfix to larger surfaces that can be managed to be covered before the surface can form a skin, e.g. in 20-30 minutes.

Drying time

The adhesive is fully dry after about 2–3 days. The drying time depends on the air temperature, wind and air moisture. Cold and wet weather prolong drying time. While drying, the surface must be protected from rainfall and frost.

Working environment

The product contains cement. When mixed with water, an alkaline reaction will occur. Protect your skin and eyes. Keep away from children. Reference the product safety datasheet. R 36/37/38, S2, S22, S24/25, S26

Packaging

mira 5300 netfix is available in 25 kg paper bags.

Storage and transportation

Transport and store dry. Product will maintain technical specifications minimum 6 months from production date in unopened packing.

Sale

mira products are available in the best supplied construction stores in Estonia, Finland, Latvia and Lithuania.