

main properties:

- High strength of the coat
- Easy application
- Suitable for spray mechanical application
- Reinforced with micro glass-fibre
- Can be used with reinforcing mesh

product description and areas of application:

To be used as a levelling coat for block walls, light weight concrete block walls and brick walls. The product provides enhanced strength and stability to the substrate and reduces risk of cracking.

Terrix® RN-LF 8 is recommended as a levelling coat before application of Terrix® PL-SX-S spray plaster.

technical data:

Base binder: mixture of hydraulic binding agents;

Colour: white;

Mixing proportions: about 5.5+6.25 l of water per 25 kg of mortar;

Average usage: 1.5kg/m² per 1mm of thickness;

Coat thickness: 1-5 mm

Application temperature (ambient and substrate): from +5°C to +25°C

Maximum application relative air humidity: ≤75%;

Vapour permeability: Sd = 0.05 m (CAT. V1);

Water absorption: w = 0.36 kg/m²h^{0.5} (CAT. W2)

Packaging: Single-use paper packaging contains 25kg of the product.

Storage: Store in the tightly sealed, original packaging in a dry area ensuring protection against moisture.

Shelf life: 12 months from the date of production (factory sealed packaging).

Substrate preparation:

Apply to a sound and clean substrate (without cracks and delaminations), degreased, even and dry, and biological or chemical efflorescence free). The substrate should be free of algae/fungi growth.

In case of microbial contamination, the substrate should be cleaned with a power washer. Subsequently Terrix®PR-AR solution for removing microbial contamination to be applied as per product manual. Any loose layers that are not bonded to the substrate (such as loose plasters or flaked paint coats) should be removed. Wash and degrease old and/ or dirty substrate with water and product Terrix® PR-CL cleaning agent. Before applying the levelling compound/render - refer to the product manuals and data sheets. Smooth substrates (porothon blocs) require scratch coat to be applied before TERRIX® RD-LB-application, **Absorbent substrates should be sprayed with water before application.**

Preparation:

Use a container with a measured amount of fresh water (6l per 25kg of mortar), pour the entire content of the package and mix thoroughly with a mixer /low-speed drill with a basket mixer until homogeneous and lump-free. Leave for approx. 5 minutes to initiate a chemical reaction. Immediately before use mix thoroughly again. Depending on the temperature and humidity ready mix is suitable for use for approx. 2 hours. If required, add a small amount of clean water (max. 0.1l per 20kg of the product). Quantity of added water may vary for different substrate types, weather conditions and application method.

Application method:

Render should be applied onto the substrate by using a steel trowel. After the initial application of mortar smooth with a sponge or felt. In large areas, it is recommended to use rendering pump.

Recommended application thickness of a single layer of render: 1-5mm

To achieve the desired effect, it is possible to apply the mortar in several layers.

SURFACE: The applied levelling render layer is suitable for further processing after approx. 24 hours. Another layer of the product can be applied only after initial binding and hardening of the previous layer, i.e. after min. 24 hours.

At wall joints with other building materials and in the presence of furrows a layer of reinforcing mesh should be embedded (145 ÷ 165 g / m²). Use reinforcing mesh stress patches on all openings and system junctions. Refer to detail drawings. For ease of application reinforcing mesh can be used.

Warning:

The product is alkaline, use PPE to protect eyes and skin. During work use protective clothing. In the case of contact with eyes, rinse immediately with plenty of water. If irritation occurs, contact a doctor. Refer to safety data sheet.

Drying:

Typical binding time is ca. 1mm of the product per one day (15°C, 55% RH).

Note: Drying time may be longer in low temperatures and high relative humidity. To protect the top coat against inclement weather conditions, scaffolding should be covered with some protective netting or tarpaulin. Avoid applying in direct sunlight or during strong winds.

Useful hints:

The final effect may depend on the substrate type. For non-uniform substrates, block walls with deep grooves it is recommended to skim at first the whole surface. 'Wet on wet' method should be used. All tools should be cleaned with water after work is completed.