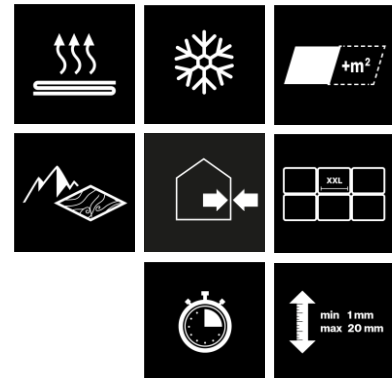


Supraflex SFR 89 Rapid



- > highly flexible
- > fast
- > high yield & easy to apply
- > Effective stress relief even on challenging surfaces
- > Compatible with all tile types and dimensions



Product description

Highly flexible, highly modified, single-component, brown, powder-form, hydraulically setting rapid adhesive based on calcium aluminate cement.

Water- and frost-resistant, food-safe, with high coverage and enhanced flexibility to absorb thermal and static stresses.

Application area:

For indoor and outdoor installation of ceramic wall and floor coverings, slabs, porcelain stoneware, as well as moisture-resistant natural stones.

Particularly suitable for coverings with increased performance requirements and for installation on young screeds (from walkable stage up to 10 days).

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 180 days

Processing

Recommended tools

Slow-running electric mixer, suitable mixing container, trowel, sponge. The notched trowel should be matched to the type of material being installed.

Mixing

Mix in a clean mixing vessel using a slow-speed mixer until homogeneous and lump-free (mixing time approx. 2 minutes).

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Tile laying technology

Processing

Apply the laying mortar to the substrate in two steps. In the first step, scrape on a thin contact layer; in the second step, comb the adhesive bed onto the still wet layer using the appropriate notched trowel at an angle of 45–60°. Rub the tiles into the fresh mortar bed and remove any mortar residue with a wet sponge.

For outdoor areas, swimming pools, and areas subject to heavy loads, use the combined laying method known as buttering-floating.

For unknown natural stones or laying materials, carry out a test bonding!

Technical data

Chemical base	special cement
Colour	brown
Consumption	approx. 2,5 kg/m ² with 10 mm toothing
Water consumption	0,3 l/kg (corresponds to 5,4 l / 18 kg)
Rest time	none
Pot life	approx. 50 min in standard climate
Open time	approx. 30 min
Can be walked on	after approx. 2.5 hrs
Jointable	after 4 hrs
fully load-bearing	after 6 hrs

Substrate

Suitable substrates

Concrete
Cement screed
Anhydrite screed
Mastic asphalt
Gypsum plaster
Lime-cement plaster
Masonry
Plasterboard, gypsum board
Fair-faced concrete
Aerated concrete
Wood-based materials

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

Product and processing instructions

Material information:

- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!

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Tile laying technology

- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.
- Mixed material that has already begun to set must not be further diluted or mixed with fresh material!

Environmental information:

- Do not process at temperatures below +5°C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal relative air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening.
- Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from direct sunlight, wind and weather!
- Protect adjacent components!
- Outdoors, in permanently wet areas, in areas under heavy load, as well as for natural stone and large areas the combined (buttering/floating) procedure is to be used.

Tips:

- We strongly recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.
- For heated screeds, a standard heating procedure must take place before laying.
- The underfloor heating system may not be switched on during processing and hardening.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.