

Tile laying technology

FLEXFUGE PLATINUM FX 66

- > for indoor and outdoor use
- > for walls and floors
- > highly flexible, abrasion-resistant and with pearl effect
- > for natural stone, fine stoneware and much more
- > for joint widths from 1 - 6 mm (national specifications are to be observed and followed)



Product description

Powdery, food-safe, water- and frost-proof, super-smooth, high-strength and flexible grout with pearl effect. Simple processing and further processing is possible without time delay through the simple application of the filler in the joint and a similarly quick application, especially for non-absorbent material. Moreover, the low water consumption of the highly abrasion-resistant grout reliably prevents the formation of patches. For grouting joint widths from 1 to 6 mm for wall and floor surfaces indoors and outdoors. For water and dirt-repellent grouting of ceramic tiles, boards, mosaic as well as natural stone and fine stoneware. Suitable for underfloor heating systems in living areas, as well as for wet rooms, terraces and balconies.

Delivery format:

Container	Outer packaging	Pallet
PS		72
PS		48
KE		65

Storage:

Can be stored for about 12 months in a frost-free, cool, and dry environment on wooden shelves in the unopened original container.

Processing

Recommended tools:

Low-speed electric agitator, suitable mixing vessel, brick trowel, grouting board, rubber spatula, sponge and water bucket.

Thoroughly clean the tools with water immediately after use.

Mixing:

Take a clean mixing vessel and add this product to water using a slow-rotating mixer until a homogeneous and lump-free blend is obtained (mixing time approx. 2 minutes).

Stir the Flexfuge again after approx. 3 minutes of rest time.

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Processing:

Grout the material diagonal to the joint direction with a grouting board or rubber spatula and allow the grout to set. Clean the ceramic covering after it has set sufficiently (test with fingers) with clean water and a soft sponge or sponge board. After drying, remove the remaining film of cement with water and a soft sponge or sponge board. After grouting, protect against mechanical strain (access) for approx. 2 - 4 hours.

To prevent stains from forming in the grout, the mortar must have already completely dried and been evenly removed from the joints before grouting.

Colour consistency can only be guaranteed within the same production batch!

Technical data

fully load-bearing

Colour

after approx. 24 hrs.

grey, white, silver grey, manhattan, cement grey, jasmine, bahama, silk grey, hazelnut, sand grey, camel, sanitary grey, nut brown, bali, basalt, anthracite, black

Joint width

1 - 6 mm (national specifications are to be observed and followed)

Consumption

0.2 - 0.9 kg/m² (depending on tile format and joint width)

Consumption calculator at www.murexin.com

can be walked on

after approx. 2 - 4 hrs.

Rest time

approx. 3 min.

Processing temperature

+5°C to +35°C

Processing time

approx. 30 min.

recc. Stirring duration

approx. 2 min.

Water consumption

white: 0.30 l/kg; bali, anthracite: 0.23 l/kg; black: 0.20 l/kg; all other colours: 0.25 l/kg

Test certificates

Tested in accordance with (standard, classification ...)

EN 13888

Substrate

Suitable substrates:

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".

For a perfect system

System products:

MUREXIN Sanitary Silicone Pro SIL 65, Natural Stone Silicone SIL 50, Special Sealant X-Bond MS-D81, and Tile End Profiles

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Product and processing instructions

Material instructions:

- 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!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour consistency!
- Colour consistency can only be guaranteed within a batch.
- Environmental conditions significantly influence colouring.
- Mixed material which is already starting to stiffen may not be diluted further or mixed with fresh material!
- Cementitious grouts are not, or only partially, acid-resistant.
- Prewet heavily absorbent laying material.
- Different or widely varying joint depths or different absorbency behaviour can lead to differences in colour shades.

Environmental information:

- Do not process at temperatures below 5 °C!
- The ideal temperature range for the 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 and 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!
- Different (environmental) conditions and absorbency (earthenware, stoneware, fine stoneware) can cause a different colouring of the grout.
- The jointing space must be free of adhesive/contaminants. Scratch off if required!

Tips:

- We 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.
- The underfloor heating system may not be switched on during processing and hardening.
- For porous and rough material surfaces we recommended testing the behaviour of the grout residue in advance!
- Dark grout colours may require more cleaning of the finished surfaces due to the washed out pigments.
- Moisture can encourage the formation of mould and organic growth.

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.