MureColor SF 50 Stone Joint Trass

> up to 50 mm joint width
> frost, de-icing salt resistant
> simple processing
> with trass additive

Product description

Powdery, food-safe, frost and de-icing salt resistant, tempered, hydraulically setting grout based on trass additive for preventing efflorescence.
Indoors and outdoors for grouting 4 to 50 mm joint widths of concrete, natural stone, plaster and clinker coverings in bonded construction, as well as very well suited for processing with jointing machines. Suitable for usage categories N1, N2 and N3 according to ZTV road construction.

Delivery format

Container	Outer packaging	Pallet
25 KG / PS	-	42 PS

Storage
Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 730 days

Processing

Recommended tools
Low-speed electric agitator, suitable mixing vessel, brick trowel, grouting machine, grouting board, rubber spatula, rubber broom, sponge and water bucket, jointing machine.
Clean the tool 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. 3 minutes).

Processing
Spread on the material diagonally to the joint direction with a grouting board or rubber spatula. Clean with pure water and a soft sponge after the initial drying phase. While doing so, make sure that the joints are filled flush. After drying, wash off the remaining film of cement with pure water, or perform machine cleaning with jointing machine. After grouting protect min. 8 hours against mechanical strain (access).

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To prevent stains from forming in the grout, the mortar must have already completely dried and been evenly removed from the joints before jointing.
Colour consistency can only be guaranteed within the same production batch!

Technical data

Colour	grey, dark grey, bahama, camel, anthracite
Consumption	Depending on stone format, joint width and joint depth. The precise requirement is to be determined with a test area.
Joint width	4 - 50 mm, free of cracks
Processing time	approx. 40 min.
Accessibility for the next work step	after approx. 8 hrs
Compressive strength	after dry storage: 20.6 N/mm² (EN 12808-3); after freeze-thaw
Abrasion resistance	174 mm³ (EN 12808-2)
Bending strength	after dry storage: 5.3 N/mm² (EN 12808-3); after freeze-thaw
Shrinkage	1,0 mm/m (EN 12808-4)
Water absorption	after 30 min.: 2.0 g (EN 12808-5); after 240 min.: 3.6 g (EN 12808-5)
Water consumption	approx. 0,19 l/kg

Test certificates

Tested in accordance with (standard, classification ...)
ÖNORM EN 13888

Substrate

Suitable substrates
Concrete
Cement screed
Anhydrite screed
Mastic asphalt
Plaster
Limecement plaster
Masonry
Gypsum plasterboard, Gypsum plasterboard
Smooth concrete
Aerated concrete
Wooden materials

Suitable under certain conditions for heavy load (industrial area, carwashs,...).Not suitable for acid-resistant grouting, closing expansion joints and for heavy wet loads. Here, Murexin recommends EPOXY JOINT FMY 90 or EXTREM JOINT FME 80.

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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 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.
- The colouring is significantly influenced by the environmental conditions.
- 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.

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!
- 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.

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