

Highly concentrated synthetic additive for trass natural stone mortar for thick-, medium- and thin-bed processes



APPLICATIONS

- for producing flexible mortar systems
- as an additive to the mixing water to increase the flexibility and mouldability of trass mortar for natural stone using the thick, medium and thin-bed method
- in case of increased structural or thermal stress to the substrate, e.g. underfloor heating, balconies, terraces, facades
- to increase the adhesion of absorbent and non-absorbent mineral substrates, large format surfacing and cladding building materials as well as critical surfacing building materials (e.g. fine stoneware)
- for early fixing and laying on at least 6-month old concrete, lightweight concrete, aerated concrete (indoors) and masonry.
- in damp and wet areas
- for indoor and outdoor applications

PROPERTIES

- increases the adhesion between substrate and mortar as well as between mortar and covering (adhesion)
- improves the modulus of elasticity of the enhanced mortar
- the diffusion behaviour of the mortar remains unchanged
- low odour
- ready for use

COMPOSITION

- highly concentrated plastic dispersion
- water-based

SUBSTRATE

Suitable substrates

- mineral-bound substrates
- Concrete, at least 6 months old
- Lightweight concrete
- Aerated concrete
- Lime cement plasters and cement plasters
- flush-jointed masonry
- gypsum plasterboard and gypsum fibreboard
- Cement and calcium sulphate screeds, heated and unheated

Properties/tests

- The substrate must be frost-free, clean, firm, dimensionally stable and free of adhesion-reducing substances.
- DIN 18332 and DIN 18352 are to be taken into account.

PROCESSING

Temperature	<ul style="list-style-type: none"> Do not use or allow to dry and harden in air, material or substrate temperatures of less than +5°C, in the case of expected night time frost or at temperatures of over +25°C, in direct sunlight, extremely heated substrates and/or in strong wind.
Mixing / Preparation / Processing	<ul style="list-style-type: none"> Mix 1 part by volume of Tubag Flexo trass emulsion with 5 parts by volume of mixing water. Put the mixture into a clean container and sprinkle in the dry mortar to be enhanced. Use a suitable agitator to mix the material until smooth and free of lumps. Leave to develop for a moment and then mix again. Maturing time: Approximately 5 minutes Do not mix with other products and/or other substances.
Processing / Working time	<ul style="list-style-type: none"> Mortar that has already started to harden must never be thinned down with additional water, remixed or applied.
Cleaning the tools	<ul style="list-style-type: none"> Clean all tools and equipment with water immediately after use.

PACKAGING

- 5 l/canister
- 100 l/drum

STORAGE

- Store in the original, unopened packaging in dry, frost-free conditions.

QUANTITY REQUIRED / YIELD

- consumption: depending on the mortar used and the requirements approx. 1.0 - 2.5 l Flexo trass emulsion per 25 kg bag

SAFETY AND DISPOSAL INSTRUCTIONS

Safety	<ul style="list-style-type: none"> If any product gets into the eyes, rinse out immediately with clean tap water. Consult optician. Clean with plenty of water after skin contact.
Disposal	<ul style="list-style-type: none"> Completely empty and recycle the packaging.

GENERAL INFORMATION

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.