HIDRO SST

Water-repellent impregnation for natural stone, preferably before installation

HIDRO SST is a ready-to-use, water-based impregnator that penetrates deep into natural stone. It reduces water absorption and helps prevent moisture-related yellowing, rust, flaking and salt efflorescence. It does not form a surface film and preserves vapour permeability. Pre-treatment before installation is recommended. On installed stone, moisture already present in the material affects performance.

Properties

Water-based, described by Faber as VOC-free and LEED-mapped. Long-lasting protection without a surface film. Reduces dirt adhesion and simplifies maintenance. Can be combined with a suitable stain-resistant treatment according to Faber.

Suitable materials

For indoor and outdoor use on marble, granite, limestone, sandstone, slate, basaltina, quartzite, porphyry, travertine, marble-cement and marble-resin agglomerates. Always test the actual stone and its finish.

Technical data according to FR/DE TDS rev. 5.1

Appearance / colour / odour	Liquid / clear to colourless / odourless
pH	11 ± 0.4 (alkaline)*
Density at 20 °C	1050 ± 10 g/l*
VOC content	< 0.05% (UNI EN ISO 11890-2:2007)
Coverage	10-15 m²/l, depending on stone absorption
Surface temperature	+5 to +40 °C
Current packaging	950 ml: 12 bottles/box; 5 l: 4 containers/box
Shelf life	36 months, unopened and correctly stored

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Distributor: Stone+ bv

Pre-treatment before installation

Treat on a clean, dry work area or during dry laying. Establish compatibility between the treatment and the installation system beforehand.

Treatment	Installation requirements according to Faber
6 sides: top, edges and underside	High-quality adhesive or mechanical fixing.
5 sides: top and edges	Medium- to high-quality adhesive.
5 sides + a different back treatment	A compatible system for lower-grade adhesive or cement mortar. Have the combination assessed.

01 Test and preparation

Test on an inconspicuous area or an offcut. Remove dust and dirt. Protect adjacent materials. Work on stone that is as dry as possible, never wet or overheated. Allow newly applied adhesive and grout to cure fully.

02 Top and edges

Apply an even coat of undiluted product with a roller, brush, lambswool applicator or cloth. Cover the entire top and edges.

03 Redistribute excess

After about 5-10 minutes, before drying, redistribute surface residues. Continue as needed until residues are removed. Residues left to dry without redistribution are difficult to remove.

04 Underside for six-side treatment

Allow the top and edges to dry for about 1-2 hours. Turn the pieces over in the same order and treat the underside in the same way using HIDRO SST or the back-treatment product selected beforehand.

05 Immersion alternative

Completely immerse each tile for about 10-15 seconds. Immediately redistribute excess product with a clean cloth. This method is intended for six-side treatment.

06 Drying and residue removal

Wait at least 24 hours before installation. On dry stone, remove redistributed residues with a white pad or damp cloth before packing or laying. After installation, a single-disc machine with a white pad may help. Planned grinding or polishing also removes residues.

Post-installation application and guidance

01 Prepare

Remove existing yellowing with a suitable preliminary treatment and allow the stone to become as dry as possible. HIDRO SST is a protective treatment and does not remove existing stains. Always test first.

02 Apply evenly

Apply an even coat of undiluted product. Redistribute excess after 5-10 minutes, before it dries. Remove residues with a white pad or damp cloth; a single-disc machine can be used on larger areas.

03 Absorbent surfaces

Where the product is absorbed rapidly without residue, a second coat may be needed. Buffing with a white pad can improve resistance to dirt. If polishing is planned, residues are removed during that operation.

04 Drying

Full drying takes about 24 hours. Protect the stone from water and moisture throughout this period. The FR sheet indicates foot traffic after about 2-3 hours; check site conditions and respect adhesive and grout curing times.

Industrial application and equipment cleaning

Suitable for production-line application using sprinklers, silicone rollers or suitable tools, followed by residue removal with brushes or pads. Have Faber specify the process. Clean equipment with water after use.

Safety and practical guidance

H315: causes skin irritation. H319: causes serious eye irritation. Wear suitable gloves, tightly fitting eye protection and work clothing as required by the current SDS. Read the full SDS before use. Ready to use: do not dilute. Stubborn dried residues can be loosened with a clean cloth or white pad moistened with HIDRO SST, then collected in full.

Storage

Keep tightly closed in the original container in a cool, dry place. Shelf life: 36 months in the unopened original container under correct storage conditions.

Sources and version control

Stone+ translation and adaptation of Faber HIDRO SST FR/DE TDS rev. 5.1, 10/11/2024, checked against EN rev. 5.1, 17/10/2024. *EN states pH 11 ± 0.5 and density > 1 g/cm³. The SDS states pH 10-11.4 at 5% concentration, a different test condition. This sheet follows the newer FR/DE data. Packaging follows the current Faber B2B page and Stone+ range. Confirm specifications for critical applications. A preliminary test remains essential; site conditions determine performance.

Faber TDS FR / Faber TDS DE / Faber TDS EN / Faber B2B