AC 300

Water-repellent impregnation for cotto, terracotta and porous materials

Product description

AC 300 is a concentrated, deeply penetrating, water-based impregnating treatment. It reduces water absorption and makes grouting and end-of-installation cleaning easier. Faber recommends applying it before installation or before grouting. It penetrates without forming a surface film and, according to Faber, preserves the original colour, appearance and breathability. The TDS states that it does not reduce adhesion to the tile adhesive.

Materials and uses

For indoor and outdoor use. Cotto, terracotta, bricks, marble-cement agglomerates, concrete, concrete tiles, tuff and porous stone in general. Always test an inconspicuous area or spare piece for compatibility with the material, finish and existing treatments.

Protection and limitations

UV resistant and water repellent. Faber describes protection against moisture-related problems, including efflorescence and dark moisture marks. The treatment does not replace repairs to leaks or structural causes of damp. Water repellency does not provide universal oil, acid or stain resistance. Faber recommends HIDRO 150, PROTW LUX or ATS 60 for additional stain protection.

Technical properties

Form	Liquid · white · typical odour
pH	7.5 ± 0.5
Density	995 ± 10 g/l at 20 °C
Coverage	8–15 m²/l per TDS; determine by trial

White liquid, typical odour. TDS pH: 7.5 ± 0.5. Density at 20 °C: 995 ± 10 g/l. TDS coverage: 8–15 m²/l depending on application and dilution. The litre basis is not fully specified; establish consumption with a trial area. Tools: brush, roller, lambswool applicator, suitable spray equipment, immersion or production line.

1. Surface preparation

Clean carefully and remove dust and dirt. Work on a surface as dry as possible. The TDS permits slight dampness but never wet surfaces. Surface temperature: +5 to +40 °C. Avoid overheated surfaces. Protect adjacent materials. Allow recently applied adhesive or grout to cure fully.

2. Dilution with water

Industrial or glazed cotto: 1 part AC 300 + 2 parts water. Handmade cotto or more absorbent materials: 1 part AC 300 + 3 parts water, according to EN TDS rev. 4.0. The online B2B label states 1:1 for compact materials. If the supplied label differs, ask Faber to confirm the correct dilution.

3. Before installation: immersion

Prepare diluted product in a suitable container. Completely immerse each tile for approximately 10–15 seconds. Remove and leave on a clear surface to dry. Redistribute residues on compact or low-absorbency tiles with a brush. Wait at least 24 hours before installing the tiles.

4. After installation, before grouting

Apply a thin, even coat to the clean, dry surface. Redistribute any residues with a lambswool applicator or clean dry cloth. Very absorbent surfaces may require more product. Wait at least 24 hours before grouting, even if the surface looks dry sooner.

5. Industrial application and tools

Suitable production-line equipment can be used. Consult Faber about the formulation and line settings. Clean tools with water after use. Prevent product-containing wash water from being released into the environment.

Maintenance and additional protection

Routine cleaning: NEUGEL. End-of-installation cleaning: DISYCOTT, only on acid-resistant substrates. Deep cleaning: DEC 21, DECERA P or DISYCOTT according to material and contamination. Additional stain protection: HIDRO 150, PROTW LUX or ATS 60. After worksite washing, wait at least 24–48 hours before subsequent treatment and check that the surface has dried sufficiently.

Packaging and storage

The TDS lists 1 l (12 per box) and 5 l (4 per box). The current Faber product-page photo also shows a 950 ml bottle. Check the actual supplied volume on the label. Store tightly closed in a cool, dry place. Shelf life: 24 months in unopened original packaging under the stated conditions.

Safety

Follow the label and European safety data sheet. H412: Harmful to aquatic life with long lasting effects. P273: Avoid release to the environment. Wear suitable protective equipment. The SDS gives pH 6–7 at 5% concentration, a different measurement condition from the TDS.

Sources and responsibility

Basis: Faber AC 300 EN TDS rev. 4.0 dated 17/10/2022, checked against the linked Faber B2B documents. Stone+ is the distributor. Faber Stone & Tile is the brand; the responsible manufacturer is Faber Chimica S.r.l. Translation and layout: Stone+. Faber may update the sheet. Always carry out a preliminary test. This information does not guarantee a specific result; the manufacturer cannot control the conditions of use.