

Protective

AC 300

High-penetrant, water-based, water-repellent treatment for rising moisture prevention and grout release specifically for cotto and terracotta

AC 300 is a high-penetrant, water-based, water-repellent, impregnating treatment specifically for use on cotto and terracotta. Its use is specifically recommended before installation, as it protects the material during the grouting process, making it easier to grout, wash and clean at the end of installation, since it notably reduces water absorption by particularly absorbent materials, such as cotto and terracotta.

AC 300 creates an effective protective barrier against dirt from grouting and it prevents the grout used from staining the treated materials. At the same time, it drastically reduces the amount of time needed for terracotta or cotto to dry after the final wash, which would otherwise require much longer timeframes, delaying the application of the successive treatment, which with **AC 300** can also be applied within a very short time.

The use of **AC 300** also adds distinct water-repellent properties that provide effective protection to cotto and terracotta against rising damp, preventing all of the problems this brings: efflorescence, emergence of salts, algae, mould, dark marks of damp, peeling and detachment of materials.

AC 300 penetrates the material deep down, without forming surface film; therefore, it does not affect the original breathability of cotto. Its use will not change the tone, colour or original appearance of the material and will not reduce adherence between it and the adhesive used.

AC 300 is a product that has been specifically developed so as not to have a negative impact on the effectiveness of protective treatments applied later; on the contrary, it enhances both performance and durability.

CHARACTERISTICS AND BENEFITS

- ✓ Protects material while grouting
- ✓ **Makes** the treated surface **water repellent**
- ✓ High **capacity to penetrate** into the material
- ✓ **Will not create a** surface **film**
- ✓ **Does not change the** original **breathability** of the surface
- ✓ Resistant to UV rays
- ✓ Will not change the appearance of the surface
- ✓ **Will not yellow over time**
- ✓ **Speeds up** material **installation** operations
- ✓ **Makes** surface **cleaning easier**

USES

This product **can be used** on both indoor and outdoor surfaces.

Suitable for use on: Cotto, Terracotta, Marble-cement agglomerates, Concrete, Cementine, Tuff, and Porous stone in general.



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COVERAGE

8/15 m²/l according to the type of application and dilution

APPLICATION EQUIPMENT

Brush, Lambswool applicator, Roller, Spray, Immersion, Production line

APPLICATION STEPS

Preparing and cleaning the surface

1. Carefully clean the surface, making sure to remove any dust or dirt present.
2. Never apply AC 300 to wet surfaces. The product can be used on slightly damp surfaces; nonetheless, please ensure that the surface to be treated is as dry as possible.
4. Apply AC 300 to surfaces with a temperature of between +5 and +40°C
5. Any adjacent surfaces not being treated with the product must be protected.

AC 300 is used after dilution in clean water (ratio 1:2) in the case of industrial or glazed cotto, while it is used at a ratio of 1:3 in case of handmade cotto or more absorbent materials.

Application as pre-installation treatment

Usually, this type of application is made with total immersion of the single tiles

6a. dilute the product as instructed, in a container large enough to hold the tiles. Immerse one tile at a time, completely, for about 10-15 seconds. Take it out and place it on a free surface to dry. For very compact, not very absorbent materials, after removing the tile from the immersion, proceed to even out the product residues with a brush.

Drying time for pre-installation treatment.

AC 300 looks visibly dry a little time after application. Before laying tiles treated with AC 300, it is necessary to wait at least 24 hours.

Application as post-installation treatment

To make the most of the protective capacity of AC 300, apply it before grouting the tiles.

6b. Apply an even, thin coat of product to a clean, dry surface with the preferred tool, making sure to create an even layer to cover the whole surface being treated

7b. The product is fast drying and usually does not create residues. When applied to a compact surface that is not very absorbent, it could leave slight residues on the surface. These can be easily redistributed with a lambswool applicator or simple clean, dry cloth. In case of very absorbent surfaces, we recommend applying the product more abundantly.

Drying time for post-installation treatment

AC 300 looks visibly dry a little time after application. Before grouting tiles treated with AC 300, it is necessary to wait at least 24 hours.



LINEA
PROFESSIONALE



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Production line application

The product can be applied using special equipment as part of an industrial production/treatment line. However, Faber can provide similar formulas for use in the production line.

For more information and for other specific solutions for industrial use, please contact our Technical Division.

COMPLEMENTARY CLEANING AND MAINTENANCE PRODUCTS

- For routine cleaning of a surface treated with AC 300, we recommend: NEUGEL
- For worksite cleaning of a surface treated with AC 300, we recommend: DISYCOTT
- For extraordinary cleaning of a surface treated with AC 300, we recommend: DEC 21 and/or DECERA P or DISYCOTT based on the type of stone being cleaned
- To increase the stain-proof protection of a surface treated with AC 300, we recommend: HIDRO 150 or PRO TW LUX or ATS 60

INSTRUCTIONS AND GUIDELINES

- If surfaces treated with AC 300 are subjected to worksite washing, we recommend waiting at least 24-48 hours from washing before applying subsequent treatments.
- The product must be diluted before use
- Never apply the product to a wet surface
- Do not apply the product to overly heated surfaces
- Apply the product to surfaces with a temperature of between +5 and +40°C
- When applying to recently laid or grouted surfaces, wait for the adhesive or grout to cure completely.
- Before applying the product to the whole surface, it is advisable to test a small, unexposed area or unused piece to check its suitability for use.

EQUIPMENT CLEANING

At the end of application, the equipment used can be washed using water.

SAFETY

When applying the product, always use suitable personal protective equipment and follow the instructions on the product safety data sheet with care.

PHYSICAL AND TECHNICAL INFORMATION

Aspect:	Milky Liquid
Colour:	White
Odour:	Typical
pH:	7,5 ± 0,5
Specific gravity a 20°C	995 ± 10 g/l

STORAGE

Keep the container tightly closed and store in a cool, dry place.



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SHELF LIFE

24 months in the original, sealed packaging, stored in a cool, dry place.

PACKAGING

- 1 l bottles - 12 bottles per box
- 5 l cans – 4 cans per box

HAZARD IDENTIFICATION



H315	Causes skin irritation.
P264	Wash thoroughly after handling
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection
P302+P352	IF ON SKIN: Wash with plenty of water and soap
P332+P313	If skin irritation occurs: get medical advice/attention.
P362	Remove contaminated clothing.



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This technical data sheet supersedes all previous versions. Always refer to the latest version of the data sheet, available on www.fabersurfacecare.com site. Faber Chimica reserves the right to update and / or modify the data and information contained in the data sheet.

The information in this data sheet is based on our wide experience in technical and operational research. In any case you should always make a preliminary test to verify the suitability of the product for the intended use and the type of material on which it will be applied. The information and the suggestions can't be construed as a commitment or result in our responsibility as the conditions and method of use of the product cannot be controlled by us. Therefore Faber Chimica Srl disclaims any liability with regard to the use of such data and suggestions.

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