

## Honing and polishing

# CRISTALFAB

## Crystallization liquid for shine maintenance on marble and lime-based surfaces



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**CRISTALFAB** is a ready-for-use, low-acidity liquid product to crystallize marble or lime-based surfaces. Crystallization is a specific treatment that restores shine to lime-based surfaces when they have lost a part of their original glossy finish, generally due to wear or to high levels of foot traffic. **CRISTALFAB** restores deep shine to the surfaces on which it is used, without causing yellowing or greying, or even the annoying pitted, “orange peel” effect. **CRISTALFAB** is quick and easy to apply using the *Spray Buffing* technique. It boosts surface resistance to scratching without causing any differences or blemishes from overlapping and unlike many other crystallization products available on the market, it does not leave a slippery finish on the surface to which it is applied.

**CRISTALFAB** represents a valid solution for polished surface maintenance as it can restore a gloss finish to a material with a quick and easy process, increasing resistance to scratches, and therefore, reducing the number of routine maintenance operations required. Constant use of **CRISTALFAB** as part of a maintenance programme prevents deep-down damage to the surface, significantly delaying the need to carry out costly, complex interventions of mechanical polishing and buffing to restore shine.

### CHARACTERISTICS AND BENEFITS

- ✓ **Quick and easy** application
- ✓ **Ready-to-use** solution
- ✓ Increased **scratch resistance**
- ✓ **Clear polished** finish
- ✓ **No pitted** effect
- ✓ **No yellowing** or **greying** on the materials to which it is applied
- ✓ **No defects through overlapping**
- ✓ **Boosted anti-slip qualities** in dry conditions
- ✓ **Increased duration of shine**

### USES

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

**Suitable** for use on: marble, limestone; travertine; marble-cement agglomerates; marble-resin agglomerates.

CRISTALFAB is suitable for application on all lime-based materials that have lost part of their shine due to wear or foot traffic.

### COVERAGE

For surface **polishing**: 40/50 m<sup>2</sup>/lt

For surface **maintenance**: 50/100 m<sup>2</sup>/lt

### APPLICATION EQUIPMENT

Single disc machine with at least 1.5 HP; manual rotary brush.

Faber Chimica is able to supply the WARRIOR single disc machine, which has a power of 2.2 HP, and is optimised for the correct application of any product.

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### **APPLICATION STEPS**

#### **Preparing and cleaning the surface**

1. Carefully clean the surface, making sure to remove any dust or dirt present. To prevent the surface from becoming wet, we recommend dry cleaning with a suitable tool.
2. Never use CRISTALFAB on wet or damp surfaces; therefore, please ensure that the surface to be treated is dry.
3. We recommend proceeding to apply the product in stages, covering surfaces approximately 1m<sup>2</sup> at a time.
4. Never apply CRISTALFAB to excessively heated or overheated surfaces.
5. Any adjacent surfaces not being treated with the product must be protected.
6. Before proceeding with the crystallization product, we recommend pouring CRISTALFAB into a spray applicator bottle. This serves to apply the product to the surface, notably speeding up the work process.

#### **Application**

7. Shake the bottle thoroughly and spray a small amount of product directly onto the area to be treated. Generally, about 3-4 sprays of product are enough to crystallize a surface area of 1 m<sup>2</sup>.
8. As soon as the product has been applied, proceed to polish the surface with the single disc machine, fitted with steel wool crystallization pad and set to between 150 and 200 r.p.m. Pass the single disc machine using concentric movements so as to distribute the product evenly over the whole section being treated.
9. Continue to polish the same area until the product has dried completely (*Spray Buffing* technique).
10. Pass on to the next section, repeating the crystallization treatment process as described above.
11. After treating all of the surface areas, remove any steel wool residues from the surface using a dry cloth (*Dry mop*) or a vacuum cleaner

In case of surfaces with greater wear or which are subject to a high degree of foot traffic, based on the desired results, the area may require up to 3 consecutive product applications.

The product formulation will not cause overlap blemishes and therefore, once the maximum surface shine has been achieved, there will be no difference or defects between the various areas treated separately.

#### **Drying time**

12. After the product is completely dry, no further waiting time is necessary.

#### **Opening to floor traffic**

13. After carefully removing any steel wool residues, the floor can be opened for use.

### **COMPLEMENTARY CLEANING AND MAINTENANCE PRODUCTS**

- For *routine cleaning* of a surface treated with CRISTALFAB, we recommend: NEUGEL or ALGAFLOOR

- For *regular maintenance of the shine* obtained using CRISTALFAB, we recommend: CRISTALFAB or CRISTALFAB WHITE PAD



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### INSTRUCTIONS AND GUIDELINES

- Never apply the product to wet or damp surfaces
- 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:	Liquid
Color:	Beige
Odour:	Lightly scented
pH:	2,5 ± 0,5
Specific gravity at 20°C	1070 ± 10 g/l

### STORAGE

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

### SHELF LIFE

36 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.
H318	Causes serious eye damage
P264	Wash hands and face thoroughly after use.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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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](http://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.*

