

## Stain removers

# MAR GEL PLUS

Product to remove rust stains from marble, limestone, travertine and acid-sensitive materials.

**MAR GEL PLUS** is a unique, innovative stain remover specifically formulated to remove **rust** marks and stains from acid-sensitive materials such as marble, limestone and travertine.

**MAR GEL PLUS** has a particular formulation that allows it to penetrate deep down, even into the most compact lime-based surfaces, such as brushed or polished finishes. Once there, it even removes the rust in the thickness of the material.

After treating rust stains on lime-based material using **MAR GEL PLUS**, the next step is to treat with **OXIDANT**. **MAR GEL PLUS** reacts to remove the rust, creating a purple compound that turns darker according to the depth of the rust stain. **OXIDANT** when applied after using **MAR GEL PLUS** can remove these residues remaining inside the stone, completing the stain removal process.

Once applied over the stain to be removed, the product works alone without needing any further processes, until it completely removes the rust stain. **MAR GEL PLUS** is easy to apply and its gel formula means it is simple to use, even on vertical surfaces.

### CHARACTERISTICS AND BENEFITS

- ✓ **Water-based product**
- ✓ **Effective on rust but gentle on marble**
- ✓ Capable of **deep down removal**
- ✓ **Quick and easy application**
- ✓ Eliminates rust **through the whole thickness of the material**

### USES

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

**Suitable** for use on: Marble-cement agglomerate, Marble-resin agglomerate, Cementina, Concrete, Craquelé ceramics, Cement-based grout widths, Limestone, Marble, Travertine

**MAR GEL PLUS** is specifically for acid-sensitive materials, but it can be used on any material where there are rust stains to be removed.

### COVERAGE

N.A.

### APPLICATION EQUIPMENT

Brush, Spatula, Direct application to stains



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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.
2. Never use MAR GEL PLUS on wet surfaces; make sure that the surface to be treated is dry or at most, only slightly damp.
3. Do not apply MAR GEL PLUS to overly heated surfaces. We recommend applying the product during the coolest periods of the day.
4. In the case in which the surface to be treated has a previous surface layer of wax, proceed to the removal of the same with *Double Stripping*.

#### Application

**MAR GEL PLUS must only be used alone. NEVER mix it with other chemicals.**

5. The product is for use without dilution. Pour the product straight onto the surface being treated. Use a brush, spatula or if simpler, pour directly onto the surface, covering it completely with a thick layer of product. MAR GEL PLUS will create a purple compound when it comes into contact with the rust. The purple compound forms more quickly and in a deeper colour the closer the rust mark is to the surface.

6. Leave the product to act on the surface until the stain has been completely extracted. The time required will depend on the intensity of the stain, its depth, stubbornness and the amount of time it has been there.

Based on the above, it is not possible to provide an exact time period required by the product to remove the stain. We therefore recommend that you test the product reaction to get an idea of the time needed for a satisfactory result. In any case, the following information can serve as a guide:

- For surface, recent and pale rust marks, the removal time is generally from 5 to 20 minutes.
- For slightly deeper, medium-toned rust marks, the removal time is generally from 30 minutes to 3 hours. For applications over 30 minutes and based on the sensitivity and the type of material treated, the surface may lose some of its shine. This can in any case be restored easily, using a Faber polish.
- For deep, dark rust stains that have penetrated through the material, the extraction time can vary from 4 to 10 hours. For this type of application, and based on the sensitivity and the type of material treated, the surface may lose its shine. This can in any case be restored easily, using a Faber polish.

In case of stain removal requiring longer periods of time, we recommend applying a sufficiently thick layer of product to avoid having to add more in the event that it dries too quickly.

7. After the set period of time, proceed to remove the product and its residues. To remove MAR GEL PLUS it is possible to use absorbent paper or cloths in case of small surfaces, soaking up and removing residues until the surface is completely clean. For medium or larger surfaces, it is possible to collect the residues with a squeegee before soaking them up more easily with absorbent paper or cloths until all excess has been removed.



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8. After carefully removing all product residues, apply OXIDANT to remove the purple compound created by the action of MAR GEL PLUS. Refer carefully to the instructions on the OXIDANT data sheet. OXIDANT needs to act on the surface for at least twice the amount of time needed by MAR GEL PLUS to react with the rust stain.

If the finished result is not totally satisfactory, repeat the product application process as described above, or decide on the need to sand the surface beforehand.

When working to remove more complex, deeper rust stains from natural stone, it may be necessary to pass over the surface with a mechanical polisher to increase the surface absorption and therefore, the penetration of the stain remover, for more effective results.

The depth of polishing will depend on the extent of stain penetrations. For very deep stains, you may need to work with lower grain size. This preliminary operation will achieve a much deeper extraction and in far less time.

We always recommend that, before using stain remover on large areas, you perform an initial test to see whether or not it is necessary to use a mechanical polisher on the surface beforehand. Once the stain has been removed, pass over the surface until it has the required shine.

### **Opening to floor traffic**

After rinsing the surface with water, wait for the floor to dry completely before opening to foot traffic.

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

- For *routine cleaning* of a surface treated with MAR GEL PLUS we recommend: NEUGEL or ALGAFLOOR
- For *extraordinary cleaning* of a surface treated with MAR GEL PLUS we recommend: FABER 30 or DETERFUG, according to the type of surface to be cleaned
- Following a stain removal operation using MAR GEL PLUS we recommend using a *damp-proofing and/or stain-proofing treatment* to be selected according to the characteristics and intended use of the surface.

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### INSTRUCTIONS AND GUIDELINES

**NEVER mix MAR GEL PLUS with other chemicals.**

- Do not apply the product to overly heated surfaces
- Do not apply the product when there is an imminent risk of rain or frost, or in the presence of mist.
- The product has a strong odour, which is in no way hazardous.
- While applying the product to the surface concerned it must not be exposed to direct sunlight.
- Apply the product to surfaces in temperatures of between +5 and +40°C
- When using on recently laid or grouted surfaces, wait for the grout to cure completely.
- To achieve a visually pleasing, even result, above all in case of absorbent surfaces, we recommend applying the stain remover by treating areas that are larger than the single stained portions, such as a whole tile or room. These area can be decided according to the size and spread of the stain.
- 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 carefully follow the instructions on the product safety data sheet.

### PHYSICAL AND TECHNICAL INFORMATION

|                          |                                  |
|--------------------------|----------------------------------|
| Aspect:                  | Gel                              |
| Colour                   | Transparent with purple reflexes |
| Odour:                   | Intense sulphurous               |
| Specific Gravity at 20°C | NR                               |
| pH                       | 9-10                             |

### STORAGE

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

### SHELF LIFE

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

### PACKAGING

- 500 ml bottles



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### HAZARD IDENTIFICATION



|                |   |
|----------------|---|
| H302           | Harmful if swallowed.   |
| H315           | Causes skin irritation.   |
| H319           | Causes serious eye irritation.  |
| EUH208         | Contains Mixture of 5-cloro-2-metil-2H-isotiazol-3-one [EC no.247-500-7]; 2-metil-2H-isotiazol-3-one[EC no. 220-239-6](3:1) May produce an allergic reaction. |
| P264           | Wash ... thoroughly after handling.   |
| P270           | Do not eat, drink or smoke when using this product.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.  |
| 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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Version 2.0 – 17/10/2016

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*



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