

# ULTRACARE KERANET CRYSTALS

Concentrated powder acid cleaner to remove cementitious residues. Ideal for cleaning after installation and to remove salt and limescale efflorescence



## DESCRIPTION

**UltraCare Keranet Crystals** is a concentrated powder acid-based product that is used with water and produces a cleaner and problem-solver for acid-resistant tile and acid-resistant non porous natural stone. It can be used both internally and externally. It removes cured cement grout haze, mortar residue, rust stains, limescale and other mineral deposits such as efflorescence.

## FEATURES AND BENEFITS

- Removes cement or limescale stains from the surface of ceramic tiles and mosaics.
- Removes efflorescence, rust stains and other mineral deposits from acid-resistant surfaces.
- For interior and exterior applications.
- Fast-acting and easy to use.

Consult MAPEI's Technical Services Department for the possible use of the product on surfaces and in conditions not specifically mentioned herein.

## PRODUCT INFORMATION

**UltraCare Keranet Crystals** is a powder that can be diluted in water and the dilution ratio can be adjusted according to the level of dirt and residue to be removed.

**UltraCare Keranet Crystals** is based on a special inorganic acid, with a buffered formulation, whose advantage is to have an aggressiveness towards stains and efflorescences equal to that of much stronger acids (muriatic/chloridian, sulfuric, etc.), without developing, like the latter, very dangerous toxic fumes. In any case, using the product in well-ventilated areas is recommended.

## RECOMMENDATIONS

- **UltraCare Keranet Crystals** may affect the appearance of some natural stone. Always undertake a test before use.
- **UltraCare Keranet Crystals** can possibly etch, lighten or change the colour of cementitious grout and some natural stone. Always undertake a test before use.
- Do not use on acid-sensitive surfaces such as marble, limestone in general, limestone-based materials or cementitious terrazzo tiles.

- Ensure that **UltraCare Keranet Crystals** does not come into contact with any non-recommended surfaces.
- Wait for the grout to completely cure before applying this product onto the surface of the tile and grout (1 to 10 days depending on the type of cementitious grout used).
- Do not use **UltraCare Keranet Crystals** with other cleaners.

## APPLICATION METHOD

Make sure before use that the surfaces to be cleaned are acid resistant. It is advisable, in doubtful cases, to carry out preliminary tests. Before cleaning with **UltraCare Keranet Crystals**, protect everything that can be damaged by splashes. The surfaces to be cleaned, especially if very absorbent (Tuscan terracotta, porous ceramics, natural stone etc.) must be well moistened with clean water before treatment with **UltraCare Keranet Powder**.

Working in a manageable area, spread **UltraCare Keranet Crystals** onto the already wetted floor. Allow **UltraCare Keranet Crystals** to sit on the surface for 2-3 minutes. Depending on the type of dirt, it may be necessary to leave the product to react for longer. Do not let the surface dry and add more water if necessary. Then work over the surface with a single-disc cleaning machine or an emulsifying pad. Remove the solution and then rinse thoroughly with plenty of clean water. If residues remain then the process can be repeated.

## FINAL CLEANUP

After **UltraCare Keranet Crystals** is removed during the cleaning process detailed above, perform a final cleaning working in small areas, using if necessary **UltraCare Multicleaner**.

## CONSUMPTION

Depending on the needs, it can vary based on dilution, the degree and type of dirt and the surface to be treated.

## PACKAGING

**UltraCare Keranet Crystals** is available in 1 and 5 kg drums.

## STORAGE

**UltraCare Keranet Crystals**, stored in the original packaging, has a storage time of 4 years.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website [www.mapei.com](http://www.mapei.com).

PRODUCT FOR PROFESSIONAL USE.

## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

|                                |   |
|--------------------------------|---|
| Consistency:                   | powder  |
| Colour:                        | white   |
| Density:                       | 2.00 g/cm <sup>3</sup>  |
| pH:                            | water solutions with <b>UltraCare Keranet Crystals</b> pH = 1.1 |
| Application temperature range: | 0°C to +40°C  |
| Waiting time before rinsing:   | approx. 3 minutes   |

## WARNING

*Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.*

**Please refer to the current version of the Technical Data Sheet, available from our website [www.mapei.com](http://www.mapei.com)**

## LEGAL NOTICE

*The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.*

*The most up-to-date TDS can be downloaded from our website [www.mapei.com](http://www.mapei.com).*

**ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.**

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