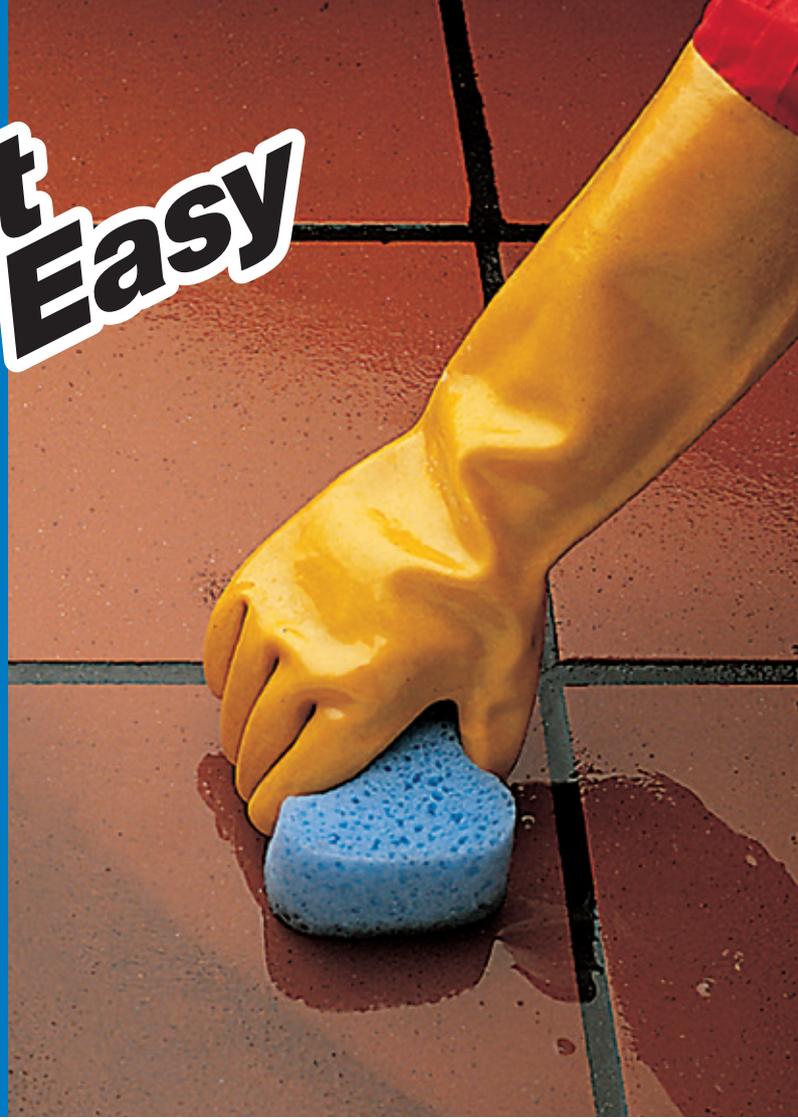




# Keranet & Keranet Easy

**Acid based cleaner  
for ceramic tiles**



## WHERE TO USE

**Keranet** is used for cleaning interior or exterior surfaces (including façades) from staining caused by cement, lime, efflorescences, dirt, even greasy, etc.

### Some application examples

- Cleaning cement and lime stains from the surfaces of ceramic tiles and mosaics on walls and floors.
- Cleaning off residues of cement-based products used as adhesives or for grouting ceramic surfaces.
- Cleaning efflorescence of lime, saltpetre etc. on ceramic surfaces or joints between tiles, concrete, render etc.
- Cleaning dirt that has accumulated on the construction site on building materials, such as ceramic tiles, sinks and tanks, anodized aluminium, stainless steel, chromework etc.
- Cleaning off slight rust stains.

## TECHNICAL CHARACTERISTICS

**Keranet** is an acid cleaner available three formats:

- as a **Powder** (concentrated) for difficult cases;
- as a **Liquid** in a 15% water solution for easier handling in ordinary cases;
- as a **Liquid** in a 3% water solution, provided in a ready to use bottle with nebuliser (**Keranet Easy**).

**Keranet** is based on a special organic acid with the advantage that it is as aggressive to stains and efflorescence as much stronger acids (muriatic/hydrochloric, sulphuric etc.) but, unlike these, does not produce highly dangerous toxic fumes.

Correctly used, **Keranet** do not damage joints between ceramic tiles, even those grouted with coloured products; on the contrary, they remove efflorescence that sometimes form on their surfaces.

## RECOMMENDATIONS

- Never use **Keranet & Keranet Easy** on marble and in general on other calcareous stone or on reconstructed derivatives and on cement-based terrazzo.
- Do not use **Keranet & Keranet Easy** on ceramic tiles or enameled tubs where the glaze is not acid-resistant.
- When working with **Keranet & Keranet Easy**, wear rubber gloves and goggles, and avoid accidental spilling of the product on skin and clothes.
- Before use, make sure the surfaces that need cleaning are acid resistant. In doubtful cases, it is recommended to carry out preliminary tests.
- Do not leave **Keranet & Keranet Easy** on the joints for too long and wash with plenty of water to remove any product residue which could provoke color variation.
- The contact between **Keranet & Keranet Easy** and metallic surfaces may cause corrosion.

# Keranet & Keranet Easy



Cleaning an efflorescence



Cleaning with Keranet Liquid with a deck scrubber

## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

	Powder (concentrated)	Liquid	Easy
<b>Consistency:</b>	powder	liquid	liquid
<b>Colour:</b>	white	transparent	transparent
<b>Bulk density (g/cm<sup>3</sup>):</b>	1.22	–	–
<b>Density (g/cm<sup>3</sup>):</b>	–	1.09	1.09
<b>pH:</b>	–	1.1	1.4
<b>Active substance (%):</b>	100	15	3

### APPLICATION DATA (at +23°C - 50% R.H.)

<b>Application temperature range:</b>	from 0°C to +40°C
<b>Waiting time before rinsing:</b>	5 minutes

### APPLICATION PROCEDURE

Before cleaning with **Keranet & Keranet Easy**, protect everything that can be accidentally damaged by acid.

Above all, if the surfaces are highly absorbent (cotto toscano, porous ceramic tiles, concrete, renders etc.) they must be well wetted with water before treatment with **Keranet & Keranet Easy**.

If **Keranet Liquid** is used, apply it with a deck scrubber or a brush, working in strips. Let the product act for about 5 minutes, scrub it with an abrasive sponge (medium-grain Scotch Brite®) to remove any crusting that still remains and continue scrubbing until all visible stains have disappeared.

Repeat the operation for very persistent crusts or stains.

Remove the liquid from the floor with a sponge or squeegee or with an industrial vacuum cleaner and then rinse thoroughly and repeatedly with water, brushing in all directions and finally dry with a clean cloth.

**Keranet Liquid** may be diluted with water according to the concentration needed to remove dirt efficiently.

**Keranet Easy** is ready to use in a lower concentration ratio and available only in 0,75 l bottles with nebuliser. In case a product with higher concentration is required, it is recommended to use **Keranet Liquid**.

When **Keranet Powder** (concentrated) has to be used (for example for cleaning cotto

toscano grouted with anthracite coloured cementitious grouts), the same procedure should be followed, except that **Keranet Powder** should be spread over the already well watered floor in this case.

### PACKAGING

**Keranet Powder** (concentrated):  
1 kg plastic bags.

### Keranet Liquid:

25 kg, 10 kg and 5 kg tanks - 1 kg bottles in cartons of 12.

### Keranet Easy:

0.750 kg bottles with nebuliser in cartons of 12.

### STORAGE

24 months in its original packing.

### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Keranet Liquid** and **Keranet Powder** irritate the skin and eyes. **Keranet Easy** is corrosive and may cause eye damage.

During use it is recommended to wear protective gloves and goggles and to take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention.

Furthermore, **Keranet Powder** is hazardous for aquatic life; do not dispose of the product in the environment.

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

#### **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.***

**All relevant references for the product are available upon request and from [www.mapei.com](http://www.mapei.com)**



**Keranet Liquid is available both in tanks and in bottles**



**Keranet Easy is available in 0.75 l bottles with nebuliser**

**Keranet  
& Keranet Easy**



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