



Rev 0
06/20



TEKNET

Acid descaler for cleaning all kinds of surfaces



DESCRIPTION

TEKNET is an aqueous solution of inorganic acids and corrosion inhibitors, suitable for cleaning cement-based encrustations on metal, ceramic, brick, and terracotta surfaces.

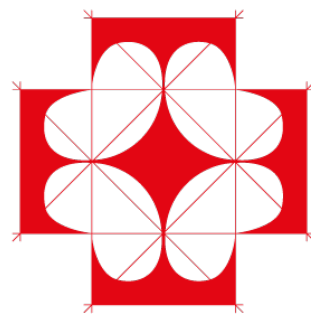
FEATURES

TEKNET has a concentration appropriately designed to have a medium to high aggressiveness for the dissolution of cement-based encrustations. The product is formulated to carry out its dissolution action slowly and progressively, avoiding violent aggression of soluble parts.

This allows management and control of the depth of action particularly on joints, mortars and fair-faced concrete.

When cleaning/dissolution is deemed sufficient, excess product is removed from the surface with plenty of water and the dissolution reaction stops immediately, avoiding the damage that normally follows this type of treatment.

In addition, the corrosion inhibitors contained in the product allow its use even on metal and ferrous parts without fear of life-threatening oxidation of the structure.



METHOD OF USE

TEKNET is normally used for cleaning cement mortar encrustations on bricks, terracotta, ceramics, marble, ornamental stones, concrete, concrete mixers, mixers, scaffolding, cranes, buckets and all metal equipment involved in the use of concrete or cement mortar.

It can be applied by panel or pump on large areas or by immersion in the case of tools or small parts and equipment.

In case you want to retard the speed of dissolution of encrustations simply dilute the product with water in the ratio 1:1 or 1:2 as needed. After the desired cleanliness is obtained, it is always necessary to wash with water until the product is completely removed.

To verify that this has occurred test the degree of acidity with a litmus paper on the last wash water or, if this is not possible, after the first few washes treat the surfaces with a 2% NaOH solution to neutralize any excess and then rinse again with water.

RECOMMENDATIONS

If the amount of concrete or mortar to be removed exceeds a few mm in thickness, it is recommended to reduce this thickness mechanically, before applying the product (this allows speed and economy of product).

For optimum preservation of the cleaned and treated metal parts, we recommend protecting them with a coat of our TEKNOIL 100.

TECHNICAL SPECIFICATIONS

State	liquid
Color	colorless, straw-colored
Ph	< 1
Density (at 20°C, g/cm ³)	1,07 ± 0,02

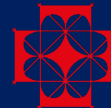
TECHNICAL DATA SHEET



TEKNA CHEM S.p.A.

Headquarters: Renate (MB) - Via Sirtori, z.i. 20838 - Tel. +39 0362.91.83.11

Web: www.teknachemgroup.com - E-mail: info@teknachemgroup.com - Fax: +39 0362.91.93.96



TEKNET

CONSUMPTIONS

The yield is normally 2-4 m² per 1 kg of TEKNET.

Yield that can obviously vary depending on the type and quality of material to be removed and depending on the porosity of the surfaces.

STORAGE

It keeps at least 12 months in the original unopened packages stored in a cool and dry place, protected from frost and direct sunlight, at temperatures between +5°C and +40°C.

PACKAGING

1000 kg canisters (IBC)

Plastic tanks of 5,10,25 kg

WARNINGS

Use of TEKNET requires hand protection with acid-resistant rubber gloves and goggles for eye protection especially if it is applied by pump.

In case of eye contact, wash thoroughly with running water and seek medical attention; for skin contact, wash thoroughly with water and Marseille soap.

WARNING

Corrosive and irritating product

LEGAL NOTES

The information contained in this data sheet, while representing the most advanced stage of knowledge, does not exempt the user from performing accurate preliminary tests under his own conditions of use and operation. Therefore, no liability is accepted for improper use of the product.

