



UNI EN ISO 9001:2008  
Quality System Certified Company



## TECHNICAL DATA SHEET PRODUCT

# RUGGISAN

### DESCALING, ANTIRUST ACID DETERGENT for stone materials

Acid detergent expressly formulated for a deep and complete action on any kind of ferrous stain or, simply, alien to the nature of the treated material (floors, walls, slabs, stairs, balconies etc.) to restore the original crystal shine. RUGGISAN is particularly suggested as restoring treatment of the materials before grinding and polishing operation. It can also be used as detergent as descaling treatment of terracotta.

#### FUNCTION

DESCALING ACID, ANTI-RUST, DEOXIDIZING, BLEACHING, ANTI-SEPTIC

#### LINE

DEEP CLEANING and SURFACE PREPARATION

PROFESSIONAL

#### INDICATION

Rust-Remover and Descaling Acid Detergent. Removes the impurities and opens the porosities of the materials, preparing them for subsequent protective treatments

#### MATERIALS

PARTICULARLY SUITABLE FOR THE DEEP CLEANING OF MARBLE, GRANITE, TRAVERTINE, NATURAL STONES, TERRACOTTA, UNGLAZED CERAMIC TILES etc.

DO NOT USE ON POLISHED MARBLES AND TRAVERTINES AND ANODIZED SURFACES.

#### HOW TO USE

Under normal conditions, dilute 5 to 20% of product into water (0,5-2 liters of RUGGISAN into 10 liters of water). In severe cases it can be used undiluted. After the application, let the product work some minutes long and scrub vigorously with a hard plastic brush. After rinse abundantly the surfaces with clear water. 2 to 3 rinses may be necessary to remove all trace of product. Careful rinsing is highly important when to the treatment with RUGGISAN will follow the application of a protective or impregnating product.

#### TEST

On a small surface effect always a preliminary test to determine consumption, exact dilution, the aesthetic result and the level of the removal of the impurities effectively obtained.

#### COMPOSITION

Contains anionic surfactants biodegradable >90%. mineral acids, binders and corrosion inhibitors.

#### TECHNICAL INFORMATION

Quantity used will varies according to the degree of deposit build up. In the most difficult cases, allow product to work for a longer period or repeat the application.

#### STABILITY

Kept into the well closed original containers, in dry place and sheltered from the direct sunrays, at temperature of 15-25°C (59-77°F) the product is stable.

#### NOTE

Acid detergent: corrosive. Protect hands and eyes by wearing impermeable gloves and protective eye-wear. Keep out from the reach of children. For more information, see product label or product Safety Data Sheet



### IMPORTANT

Plastic brushes can be used for optimal cleaning results.

Do not use on surfaces sensitive to the acids (on polished marbles, anodized aluminium, etc. acid products will remove the polish).

Testing a small, hidden area is always recommended before application.

### PACKAGING

1 L., 5 L., 10 L.

### LIMITATION OF LIABILITY

The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Since the application of the product is beyond the control of the manufacturer or supplier, our liability for defective products, when verified, is limited to refund of the purchase price

**A PRELIMINARY TEST IN A SMALL, HIDDEN, AREA IS RECOMMENDED BEFORE THE APPLICATION**