



PROTECT MINERAL

NANO-COATING

DESCRIPTION

It is a solvent and VOC free, self-assembling oligomeric micro emulsion in water. Manufactured with a new patented process, the very consistent material mix is providing a capillary impregnation without filling the pores and capillary structure of the substrate. The product is designed as a water-soluble impregnating agent for hard mineral stone such as marble, granite, polished concrete. It chemically bonds with the substrate and becomes invisible once dry. Its penetration and subsequent chemical reaction with the substrate allow it to provide long term protection by significantly reducing the ingress of liquid water and any dissolved salts that the water may carry. The product creates a high contact angle against water and shows a very effective water/liquid repellent effect as well as dirt reduction with no change in the surface appearance.

RECOMMENDED SURFACES

- Hard polished stone
- Polished concrete
- Marble
- Granite

PRODUCT FEATURES

- Economical and long lasting
- Excellent protection for new surfaces
- Increasing effect with periodical application
- Nontoxic, water based
- Water and dirt repelling
- Easy to clean/self-cleaning effect
- Weatherproof
- UV Stable

RESISTANT TO

- Water / Humidity and oil
- Mineral stains
- Bacteria & other microbes
- Mold & algae
- Acid and alkaline
- Abrasion / Hydrolysis
- Extreme temperatures



TECHNICAL SPECIFICATIONS

SUPPLY FORM:	liquid
COLOUR:	milky
DENSITY:	approx. 1.0
SOLVENTS:	<water
FLASHPOINT:	N/A
STORAGE:	not below 4°C
APPLICATION:	between 4 and 35°C

SURFACE PREPARATION

Surfaces must be dry and free from dirt, dust, grease, contaminants, oil or coatings. Standard surface preparation can be used. A proper surface preparation guarantees the full performance of the product.

DIRECTIONS FOR USE

Do not dilute the product. Apply a small amount on a micro fiber cloth and use a polishing motion to apply onto the surface. Then use a soft and dry micro fiber cloth and remove all remains of the product. The product can also be used with a buffing machine or a polishing pad. Alternatively the product can be applied directly on to a cloth and wiped on to the surface. On new surfaces, apply the product as described before with a micro fiber cloth and after 5 - 15 minutes remove all residues with a different dry soft cloth.

One coat seals the surface, the second coat will provide a semi-gloss appearance and a third coat will give a high gloss appearance.

After the application, the substrate will become very smooth and shiny. The product should not be applied in wet weather. After 24 hours the optimal protective effect is reached.

CONSUMPTION / COVERAGE

Consumption is between 25 and 50 ml per m² depending on the conditions of the substrates and the stone finish. 20 – 40 m² per liter. Consumption rate is guideline only.

TOOLS CLEAN UP

Clean tools with water and soap.

STORAGE / SHELF LIFE

Keep in a cool dry place. Can be stored in the original sealed packaging for at least 12 months. Storage conditions should be in a dry and cool area. For storage, handling and additional information, refer to the Material Safety Data Sheet.

PRECAUTIONS

Read all safety directions and warnings on packaging before use. Refer to material safety data sheet for handling procedures. It is not classified as dangerous goods. Adequate protective personal equipment should be used. Please read the material safety data sheet.