

MAPESTONE SCRAPER

Acid-based cleaner for architectural stone paving



WHERE TO USE

Mapestone Scraper is used for cleaning natural stoned based on silicates (granite s.l., porphyry, gneiss, quartzite, vulcanite) of staining, encrustations caused by cement, lime, efflorescence, including dirt and remains of any **Mapestone** products.

Some application examples

- Cleaning cement and lime stains from the surfaces of silicate-based natural stone paving.
- Cleaning off residues of cement-based **Mapestone** products used for grouting.
- Cleaning efflorescence of lime, saltpeter, etc.
- Cleaning dirt that has accumulated on the construction site on building materials.
- Cleaning off slight rust stains.

TECHNICAL CHARACTERISTICS

Mapestone Scraper is a liquid acid cleaner available in a 40% aqueous solution.

Mapestone Scraper is based on a special organic acid, whose vantage is to “attack” stains and efflorescence as much as stronger kinds of acids (muriatic, hydrochloric, sulphuric, etc.), without producing highly toxic fumes, unlike those mentioned.

Mapestone Scraper, correctly used, does not damage joints between paving units.

RECOMMANDATIONS

- Never use **Mapestone Scraper** on marble and in general on other calcareous stone or on reconstructed derivate, or on sandstones, or self-locking.
- Before use, make sure that the surfaces that need cleaning are acid resistant. When in doubt, it is recommended to carry out preliminary tests.
- Do not leave **Mapestone Scraper** on the joints for too long and wash with plenty of water to remove any product residues.
- Avoid using **Mapestone Scraper** on metallic surfaces or finishes as this may result in corrosion.
- **Mapestone Scraper** can be diluted with water.

APPLICATION PROCEDURE

Before cleaning with **Mapestone Scraper**, protect everything that can be damaged by acid.

The surfaces that need to be cleaned, most of all if they are highly absorbent, must also be wetted before treating them with **Mapestone Scraper**.

Apply **Mapestone Scraper** with a mop or brush, working in stripes.

Let the product act for 5-10 minutes, scrub with a brush or an abrasive sponge (Scotch Brite®) to remove any remaining crusting and keep on scrubbing until all stains have disappeared. For persistent crusting and stains repeat the operations. Collect the liquid from the paving with a sponge, a squeegee or an industrial vacuum. Then rinse thoroughly with a pressure washer, brushing in all directions.

In case of too much residues, a preliminary mechanical abrasion is suggested.



Staining cleaning on porphyry cubes: apply Mapestone Scraper for 5-10 minutes



Rubbing with a spatula, a brush or an abrasive sponge



Rubbing with a spatula, a brush or an abrasive sponge



Mechanical abrasion, before applying Mapestone Scraper in case of exceeding residues



Stone paving spoiled with grouting remains

PACKAGING

Mapestone Scraper is available in:
25 kg plastic drums; 5 kg plastic drums; 1 kg bottles in boxes of 12x1 kg.

STORAGE

24 months in the original packaging.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapestone Scraper is harmful if swallowed, is corrosive for eyes and skin and irritant for the respiratory system. Mapestone Scraper also corrodes metals. During use it is recommended to wear gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention. Use protective devices to protect the respiratory system. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.
PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	liquid
Colour:	transparent

Density (g/cm ²):	1.09
pH:	1.1
Active substance (%):	40
APPLICATION DATA (at +23°C - 50% R.U.)	
Application temperature range:	from 0°C to +40°C
Waiting time before rinsing:	5-10 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

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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.

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