# Vaselli Spirito Pietra

## Tops

Vaselli
SPIRITO PIETRA

Instructions for use and application of the product we suggest are the outcome of precise verifications that have been carried out in our laboratories. Nevertheless there are some elements we can't control: condition of the surface before the treatment, characteristics/surface finishing of the material which are particularly rare or not specified, environment conditions. Therefore we always recommend to try first the products on a little portion of the floor. FILA S.p.A. guarantees the quality of its product but does not take on responsibility for an incorrect use of them.

Recommended by over
200 INTERNATIONAL TOP BRANDS
manufacturers of materials for floors and wall coverings

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# Protection and Maintenance Manual

## Tops

## MATERIAL: Travertine

**Material description**: It is a dense, banded rock composed of calcite (calcium carbonate), formed by the precipitation of carbonate minerals from solution in ground and surface waters, and/or geothermally heated hot-springs. Travertine often has a fibrous or concentric appearance and exists in white, tan, cream-colored and even rusty varieties. The stone is characterised by pitted holes and troughs on its surface that are sometimes filled and polished depending on the requirements of the finished stone. It is a terrestrial sedimentary rock,

**Characteristic:** It is a natural chemical precipitate of carbonate minerals from solution in the groundwater. Water passes through and dissolves limestone, picking up calcium carbonate. Upon a change in temperature, the water releases its carbon dioxide as a gas and the remaining calcium carbonate recrystallizes. Biotic material such as algae then becomes encrusted with the calcium carbonate, creating the hard rock. Thanks to the porosity the stone has several qualities: a low thermal conductivity, a good sound insulation, easy cutting and a good environment agents resistance

### Causes of Degradation

Degradation phenomena occurring on this can be chemical, physical and biological.

Due to its porosity, it is sensitive to even oily stains, which is why it must also be protected against organic substances (oil, coffee, tannin, etc.).
When used outside it has affected by atmospheric agents, deposits of smog and rooting of microorganisms (moulds, algae and lichens). This is why it is important to protect the material from water, the main cause of this degradation.
It is sensitive to acid and alkaline compounds that can corrode the surface.

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## PROTECTION

As a surface protection against stains, we suggest to apply a protective coating to facilitate cleaning and maintain the beauty of the material. We offer two different products: the first is solvent based, FILAFOB, the second is water based, FILAMP90 ECO PLUS.

### ANTI STAIN PROTECTION – solvent base

We recommend using the product to slow the absorption of staining colored agents (such as coffee, red wine or tea) and water.

| | |
|---|---|
| **Products** | **FILAFOB** |
| **Equipment** | Brush, fleece, sponge or other applicator. |
| **Coverage** | 1 liter/20 m² approx. |
| **Procedure** | Apply the product uniformly and continuously on a clean and completely dry surface. Wait 24 hours and apply a second coat if necessary. |

### ANTI STAIN PROTECTION- water base

It reduces material absorption, it is VOC free and it is LEED certified.

| | |
|---|---|
| **Products** | **FILAMP90 ECO PLUS** |
| **Equipment** | Paintbrush, cloth. |
| **Coverage** | 10-20 m² |
| **Procedure** | Apply the product to saturation on a clean and dry surface, soaking even the joints. Remove the excess product using a cloth or kitchen paper soaked in the product. After 4 hours the surface is dry. |
| *Caution:* | *Before applying the products to the entire surface, test them on a small area to check for colour changes. The products do not protect against acid aggression. If the material is pretreated we recommend the use of FILAFOB.* |

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## ORDINARY CLEANING

**We recommend the use of neutral detergents.**

**Product:** **FILAREFRESH – FILABRIO**

**Equipment:** mop or cloth

**Procedure:** FILAREFRESH is a protective detergent for tops. Cleans the surface without damaging it. It also renews and maintains protection over time. It is easy to use, does not need rinsing and dries quickly.

FILABRIO is a universal ready to use detergent that cleans all surfaces without damaging them. It should be sprayed on the area to be treated and then it should be cleaned with a cloth.

## SPECIAL CLEANING INSTRUCTION

It is important to immediately wipe up spilled liquids and clean the stained area.

The faster the staining agents are removed, the easier the stains will be removed. Some stains cannot be removed with normal measures and specific actions must be used, depending on their characteristics. The following diagram shows some of the substances used to remove the extraordinary stains.

| | | | | | |
|---|---|---|---|---|---|
| Oily stains | FILANO SPOT | | Coloured stains | FILASR95 | |
| Rust | FILANO RUST | | Silicon wax Glue | FILAZER OSIL | |

*In case of stubborn stains we recommend the use of FILAPS87, degreasing degreasing detergent. The product should be applied diluted 1:20 on the surface and left to work for 5 minutes. Then work with an abrasive sponge and collect the liquids. Rinse carefully.*

## CLEANING PRECAUTION

- We do not recommend to use products containing ammonia.
- It is not recommended to use acid-based detergents or degreasing detergents (with alkaline pH) or extremely abrasive tools.
- For exceptionally dirty areas or stains, contact one of your trusted FILA tractors or contact FILA technical assistance technicalassistance@filasolutions.com

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