

# FILAMARBLE AID

Polished treatment that protects surfaces against the contact and aggression of acids and common stains.

It is ideal for countertops and vanities in marble and natural stone.

## CHARACTERISTICS

PROTECTION AGAINST ACIDS AND STAINS

RESISTANT TO CONTACT WITH ACIDS AND ALKALINE PRODUCTS

THERMAL SHOCK RESISTANT

WATER-BASED PRODUCT WITH LOW VOC EMISSIONS

POLISHED FINISH

## ADVANTAGES

CERTIFIED SAFE IN FOOD PREPARATION AREAS

PROTECTS AGAINST THE MOST COMMON ACIDS FOR UP TO 2 HOURS

TREATMENT CAN BE REMOVED AND REAPPLIED

APPLICABLE ON NEW AND EXISTING SURFACES, SUITABLE FOR OUTDOOR

DOES NOT YELLOW, UV RESISTANT



### Materials

Marble, natural stone.



### Fields of Application

- Protects marble and polished natural stone countertops, tables and vanities against acids.
- The product may also be applied on unpolished surfaces. To treat these surfaces we recommend applying two coats of **FILAMARBLE AID** at least 8 hours apart. Given the vast variety of materials and finishes on the market, test the product on a loose sample before full application.
- When using the product on highly absorbent surfaces, first apply a coat of **FILAMP90 ECO PLUS** before applying **FILAMARBLE AID**.



### Warranty

For more info, send an email to [technicalassistance@filasolutions.com](mailto:technicalassistance@filasolutions.com)



### Warnings

**Do not scratch or cut the treated surface in order to avoid damaging the acid resistance protection.**

When the film becomes worn or damaged, the acid resistant treatment can be reapplied: remove the film with **FILANOPAINT STAR**, then reapply **FILAMARBLE AID**.

*Before full application, test the product on a small, inconspicuous area to check for any changes to the appearance of the surface.*



### Instructions



Two-component product:

1. Pour the entire contents of the **ACTIVATOR** bottle into the **ACID RESISTANT SEALER** bottle.
2. Shake well for 2-3 minutes and let sit for about 2-3 minutes. Then proceed with the product application. Any leftover product can be used for up to one hour after mixing, after which it can no longer be used.

#### Surface Preparation:

**1.** Clean and degrease the surface with **FILANOPAINT STAR**, following the instructions on the product label. If the surface is already treated or stained with acids, it must be micro-polished with a diamond grinding disc.

**2.** On a clean and dry surface, apply **FILAMARBLE AID**, following the instructions on the product label. When using the product on highly absorbent surfaces, first apply a coat of **FILAMP90 ECO PLUS** before applying **FILAMARBLE AID**.

**Product Application:** On a clean and dry surface, using a clean and blocked, short-hair applicator (preferably in mohair), uniformly spread a thin, continuous coat of the product on the entire surface to be treated. Let dry. *CAUTION: thoroughly rinse the applicator with water before use, even if the applicator is new. During the drying phase, do not reapply the product where it has already been applied.*

**Maintenance:** For everyday cleaning, use a damp towel or sponge. We recommend using **FILABRIO** or **FILACLEANER SPRAY** and **FILACLEANER**.

### Application Tools



**SHORT-HAIR  
APPLICATOR**

*such as mohair*

**Cleaning the applicator:** After use, rinse the applicator thoroughly in running water, then immerse it in water for about 30 minutes. Rinse again, wring it and let dry. *Caution: we recommend carefully washing the applicator with water before use, even if the applicator is new, to avoid spreading dust or particles on the surface to be treated.*

# FILAMARBLE AID



## Technical Tests

**THE PRODUCT ENSURES A LEVEL OF GLOSS GREATER THAN OR EQUAL TO THAT OF THE UNTREATED SURFACE.**

*Gloss measured before and after the FILAMARBLE AID treatment.*

*Instrument: Glossmeter SAMA TOOLS SA0834.*

*Testing carried out according to ASTM D523-08 standards.*

Gloss values at a 60° angle Measurement on shiny, polished marble		
Material	Untreated GU <sup>(*)</sup>	Treated with FILAMARBLE AID GU
Carrara	91	91
Nero marquina	85	90
Botticino	85	90
Istria Stone	70	87
* gloss values at 60° is the only measurement indicated, as it is common practice to report gloss levels at an angle of 60°. (*) GU: Gloss unit		

**THE TREATMENT DOES NOT YELLOW DUE TO AGING OR UV EXPOSURE.**

*Measurement of color variation after artificial aging.*

*Instrument: Vötsch Industrietechnik climate test device with a UVA-UVB lamp.*

*SAMA TOOLS A230 Colorimeter.*

The colorimetric coordinates were measured before and after aging. The calculation of the difference in color ( $\Delta E$ ) was measured according to UNI 8941/3, ISO 7724-1, ISO 7724-2 and ASTM1347-03 standards.

Accelerated aging / UV exposure testing on Carrara marble according to an internal method based on ISO 4892-3 standards and according to ASTM G26-96 method 3 and ASTM G154-06 standards.

The data reported is a summary of the test carried out on Carrara marble treated with FILAMARBLE AID, exposed to accelerated aging.

CARRARA MABLE	$\Delta E$
Sample exposed to accelerated aging.	1,03

$\Delta E < 3$  Variation not visible to the naked eye.

**RESISTANT TO ACIDS, ALKALINE SUBSTANCES AND STAINS IN GENERAL**

*Evaluation of the resistance to acids, alkaline substances and stains.*

The resistance to acids, alkaline substances and stains was evaluated according to an internal method based on UNI EN ISO 10545-13, UNI EN ISO 10545-14 and ASTM 1378-09 regulations. The chemical and staining agents were removed after 2 hours of contact: the treated surface does not present damage or visible alterations.

**SUITABILITY FOR FOOD CONTACT**

Material suitable for food contact according to method: UNI EN 1186-3:2003 "Test methods for overall migration into aqueous food simulants by total immersion," DM21/03/73: "Average Overall Migration."

# FILAMARBLE AID



## How it works

FILAMARBLE AID, based on *Micro Coating Technology*, generates a polished micro coat of less than 10 Qm, highly resistant against the aggression of acids and the absorption of dirt.



## Technical Characteristics

	ACID RESISTANT SEALER	ACTIVATOR	FILAMARBLE AID
COMPOSITION	Water dispersion of organic resins and additives	Organic catalyst	
APPEARANCE	Liquid	Viscous fluid	Liquid
ODOR	Typical of resin	Characteristic	
DENSITY	1.02 kg/l	1.06 kg/l	1.04 kg/l
pH	8.2	n.a.	8.2
POT LIFE	-	-	1 hour
STORAGE TEMPERATURE	da 5°C a 30°C	da 5°C a 30°C	n.a.
APPLICATION TEMPERATURE	n.a.	n.a.	Must be applied on materials with temperatures between 18°C and 30°C
DRYING TIME AT 20°C (68°F)	-	-	8 hours

Please note: the level of environmental humidity may influence the drying times and pot life of the product.



### COVERAGE

One package covers

up to 10 m<sup>2</sup>



### APPLICATIONS

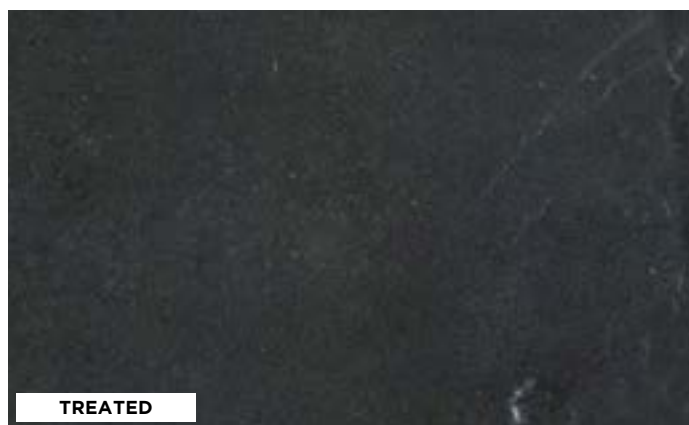
N. 1 coat of product



### PACKAGING

ACID RESISTANT SEALER: 200 ml bottle

ACTIVATOR: 33 ml bottle



## SAFETY INDICATIONS

ACID RESISTANT SEALER: The product is classified as not dangerous.

ACTIVATOR: The product is classified as dangerous under Regulation 1272/2008 (CLP) and subsequent amendments and supplements. For information regarding safety, please reference the safety data sheet. Keep out of the reach of children. Do not dispose of this product in the environment after use. Empty the bottle with leftover mixture immediately after use to prevent swelling of the bottle. See Section 13.1 of the safety data sheet for disposal information.

The above information regarding recommended product use and application procedures is based on precise laboratory testing. Nevertheless, there are factors beyond our control: the condition of the surface before treatment, rare or unspecified material characteristics / finishes, environmental conditions and the professional training of the applicator. We recommend testing the product on an area of the surface prior to full application. FILA always guarantees the quality of its products, but does not take responsibility for their improper use.