

# Maintenance Guide

Although 70Materia surfaces are durable, proper care will help preserve their natural beauty over time. This guide provides information and advice on how to maintain and consolidate your surfaces throughout their entire life cycle. With specific, targeted processes, the surfaces can be protected against external agents and stains, ensuring long-lasting efficiency and aesthetics.

## MACHINING

Unlike the so-called "industrial" floors, made solely of rigid, cold concrete, dusted with quartz on the surface and machined in just two phases (smoothing with a power trowel and coarse or fine sanding), the 70Materia surfaces lend themselves to countless mechanical finishes. The uniqueness of our flooring lies in the endless possibilities achieved through installation, machining and protective treatments.

## TREATMENTS

The maintenance of 70Materia surfaces is handled by a team of qualified experts, who apply protective treatments and provide guidance on simple periodic upkeep, cleaning, washing and maintenance products application. Protective treatment, performed exclusively using certified products, usually involves priming and finishing.

### *Priming*

After cleaning and preparing the surface, primer is applied using the most suitable water and oil repellent treatment according to the specific mix and to the type of treatment. These products are specially formulated to provide preventive protection for both natural and artificial stone materials with medium-to-high porosity. The resins used are mainly solvent-free and are ideal for the effective, long-lasting protection of surfaces. They penetrate the substrate to enhance its anti-stain effect, improving the surface's cleanability.

The protective treatment for stone materials, designed to resist stains, chemicals, water and oil is applied using products with a high concentration of raw material (at least 30%) in an aqueous solution. These belong to the class of fluorinated polyethers and offer the following properties:

- Effective anti-stain performance, increasing the slipping of water droplets on the treated surface;
- No surface film formation;
- Strong chemical resistance against aggressive agents (oil, wine, coffee, ink, vinegar, etc.) and weathering;
- High resistance to ultraviolet and visible radiation (no yellowing);
- Water repellence, oil repellence, very low surface tension;
- Water vapour permeability;
- Non-flammable and non-toxic.

*Anti-wear, anti-stain finish*

This treatment is applied using a single-component, water-based liquid product, whose active ingredient is a mixture of fluorinated resins that primes the surface of the substrate and physically binds to it. Specifically formulated to finish floors in absorbent materials, it renders the surfaces water and oil repellent, forming a thin, protective, wear-resistant layer that is both breathable and not subject to flaking. Water-and oil-based stains are easily removed insofar as they do not penetrate the surface structure.

CONSOLIDATION

Consolidation is required for surfaces subject to high traffic or particular stress. It involves applying special micrometric silicate minerals conveyed through particularly fluid solutions with a strong penetration power, ensuring optimal capillary absorption of the active ingredient. Once penetrated, these minerals react with humidity in the air to transform into silicon, which acts as a binder, increasing the material's hardness and firmness, without producing saline by-products and/or glue. Due to its low surface tension, the hydro-alcoholic delivery system conveys the active ingredients, guaranteeing both deep penetration and the absence of aesthetically undesirable colour variations.

The presence of hydrophilic alcohol allows treatments to be carried out also on surfaces that are not completely dry. The best performance is achieved when applied on substrates with sedimentary inert materials, such as sandstones. Excellent results are also obtained on mixes containing limestone.

COMMON STAINS:  
TEST

During a laboratory test, the treated surfaces were soiled with some of the most common staining agents: oil, vinegar, red wine, tomato and coffee. To assess the effect of these staining agents, they were cleaned at regular intervals of 1 to 24 hours. Beyond this timeframe, these stains dry and therefore no longer penetrate the tested surfaces. Conclusions: Once treated, the material boasts excellent resistance to all common staining agents, greases or dyes.

CONTACT  
WITH ACIDS

While not as vulnerable to acid attacks as a Venetian terrazzo floor, 70Materia surfaces may be subject to corrosion when in contact with acidic substances. The degree of abrasion varies depending on the acidity of the liquid in contact with the surface and the duration of the exposure. While not visibly stripping the material, contact with acidic substances will generate a change in porosity, resulting in uneven sanding and, therefore, in a change in light absorption and a loss or decrease in specular reflection. Even when protected with the appropriate treatments, in such cases, the affected surfaces may appear more or less

opaque against the light and either lighter or darker due to the different type of corrosion that occurs depending on the composition of the material.

MACHINING AND  
RESISTANCE TO DIRT

Given the special characteristics of 70Materia and the natural materials it is made of, these surfaces inherently feature macro-porosity results in a high absorption rate. In some cases, even when primed and finished, the surfaces may be subject to aesthetic defects caused by long-term exposure to staining agents that are absorbed into the surface.

PHOTOSENSITIVITY

70Materia surfaces have been found to be photosensitive; as a result, alterations in colour may occur when exposed to sunlight. This phenomenon mainly affects dark or particularly colourful materials, especially when applied outdoors. Changes in appearance caused by exposure to sunlight are possible even after protective treatments have been applied.

EXPANSION

The presence of cement in the mix naturally leads to significant heat absorption through radiation. As a result, the surfaces are prone to noticeable expansion. The protective product used does not alter the surfaces' physical characteristics.

BREATHABILITY  
AND RISING SALT

The presence of silicon in the sand used in the mix may lead to salts appearing due to residual rising damp, for example, following water infiltration or leaks. These phenomena occur due to the osmotic migration of salts to the surface when drying.

## Surface care and maintenance

INTERIOR FLOORS	Smoothed, Antiqued, Sanded, Brushed
CLEANING FREQUENCY	Daily
CLEANING PRODUCT	Fila Cleaner Pro Universal floor cleaner
INSTRUCTIONS	<ul style="list-style-type: none"><li>· Dilute in water in a ratio of 1:200</li><li>· Clean 2/3 sqm at a time using a damp cloth</li></ul>
CLEANING FREQUENCY	Every 2/3 months
CLEANING PRODUCT	Fila Matt Protective wax with a natural matt effect
INSTRUCTIONS	<ul style="list-style-type: none"><li>· Clean the surface with a diluted Fila Matt solution (1:200)</li><li>· Apply the wax by diluting 500 ml of the product in 5 litres of water. When dry, the floor can be walked on</li></ul>
EXTERIOR FLOORS	Brushed, Bush-Hammered
CLEANING FREQUENCY	Daily
CLEANING PRODUCT	Fila Cleaner Pro Universal floor cleaner
INSTRUCTIONS	<ul style="list-style-type: none"><li>· Dilute in water in a ratio of 1:200</li><li>· Clean 2/3 sqm at a time using a damp cloth</li></ul>
CLEANING FREQUENCY	Every 2 years
CLEANING PRODUCT	Fila MP90ECO Xtreme Protective water and oil repellent
INSTRUCTIONS	<ul style="list-style-type: none"><li>· Apply a moderate amount of product evenly to the clean, dry floor with a fleece cloth</li><li>· Wipe off any residue with a clean cloth</li></ul>

All the 70Materia products are made from a sand- and cement-based mix and are free of synthetic films or resins. Their simple formula and the commitment to avoiding products that alter their visual and tactile appearance make these surface textured and unique.

<b>VERTICAL WALLS</b>	All finishes
CLEANING FREQUENCY	Daily
CLEANING PRODUCT	Fila Cleaner Pro or Fila Clean & Shine Universal floor cleaner
INSTRUCTIONS	<ul style="list-style-type: none"> <li>Dilute in water in a ratio of 1:200</li> <li>Clean 2/3 sqm at a time using a damp cloth</li> </ul>

<b>BATHROOM</b>	All finishes
BATHROOM SURFACES	Wet room walls Upper sink surface Fondamenta washbasins
CLEANING FREQUENCY	Daily
CLEANING PRODUCT	Fila Cleaner Pro or Fila Clean & Shine Universal floor cleaner
INSTRUCTIONS	<ul style="list-style-type: none"> <li>Dilute in water in a ratio of 1:200</li> <li>Clean 2/3 sqm at a time using a damp cloth</li> </ul>

CLEANING FREQUENCY	Yearly
CLEANING PRODUCT	Fila Salvadoccia Environmentally friendly sealant for showers
INSTRUCTIONS	<ul style="list-style-type: none"> <li>Apply two coats evenly with a paste brush, fleece cloth or other applicator. Do not allow the product to stagnate on the surface</li> <li>Do not walk on the surface before it dries</li> <li>The surface dries fully in 4 hours</li> </ul>

<b>SATELLITE®</b>	All finishes
CLEANING FREQUENCY	Daily
CLEANING PRODUCT	Fila Cleaner Pro or Fila Clean & Shine Universal floor cleaner
INSTRUCTIONS	<ul style="list-style-type: none"> <li>Dilute in water in a ratio of 1:200</li> <li>Clean 2/3 sqm at a time using a damp cloth</li> </ul>

CLEANING FREQUENCY	Yearly
CLEANING PRODUCT	Fila MP90ECO Xtreme or Fila FOB Xtreme Protective water and oil repellent
INSTRUCTIONS	<ul style="list-style-type: none"> <li>Apply MP90ECO Xtreme evenly and continuously to the clean, dry surface, including any joints, using a brush or fleece cloth</li> <li>Before the product dries, wipe off any residue with a clean cloth</li> <li>On highly absorbent materials, apply two coats 20 minutes apart</li> </ul>

<b>STAINING AGENTS</b>	Accidental spills
Oil and grease	Fila Nospot Universal stain remover spray
Carbonated drinks and juices Ink and marker Hair dye Urine and vomit Coffee and wine Blood Nicotine	Fila SR95 Organic stain remover
Rust	Fila Norust Rust remover

Cosmetic restoration following wear and tear or damage by acid

These treatments are carried out occasionally, with the aim of restoring surfaces following mechanical or chemical damage (such as acid corrosion) that may result in scratches, signs of wear and tear, fading or tarnishing. For this type of treatment, we recommend contacting a professional for complete restoration or contacting Fila's Technical Support.

We advise against using

- Acidic substances of any kind Descalers, soaps with an acidic pH and vinegar
- Alcohol or solvents
- Alkaline substances

We recommend

- Following the manufacturer's indications
- Carrying out proper post-construction cleaning
- Protecting the materials by applying the protective treatment indicated on the data sheet in order to reduce the absorption of water and staining agents
- Using neutral detergents for routine cleaning

General warnings

Read the product label and data sheet before use. Perform a small preliminary test on a portion of the surface to ensure the product is suitable. Do not place direct heat sources on top of 7OMateria.

For more information

Contact FILA's Technical Support through the QR code or by emailing [consulenzatecnica@filasolutions.com](mailto:consulenzatecnica@filasolutions.com)

Contact FILA to discuss further solutions.  
For any assistance, please email [info@filasolutions.com](mailto:info@filasolutions.com)



**7OMateria surfaces can be re-sanded at any time to renew their appearance or change their style.**

By re-sanding, you can change the texture of your surface, giving your coatings a new lease of life. Please contact us to discuss the best finish for your needs.



70Materia

A contemporary icon  
of tradition

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