

INFINITO INSTALLATION GUIDE

SUGGESTIONS / FACTORS TO CONSIDER

LAVA	AVANA	BIANCO CARRARA	GRIS DU MARAIS	PIETRA D'AVOLA	CREMA D'ORCIA/ SILK GEORGETTE
<p>A volcanic rock characterized by a compact structure, slight colour variations and possible microporosity. In this finish, Lava typically has a matt grey, soft surface, possibly with darker areas.</p>	<p>Avana is a sandstone, characterised by a granular structure with irregular textures and tones. A typical feature of this stone are the very small and rare holes on the surface, which do not require grout.</p> <p>Because of its high level of absorption, we recommend pretreating the surface and quickly removing any excess adhesive or grout during the laying process.</p>	<p>The small holes, commonly referred to as "tarolo", are a natural characteristic of Bianco Carrara. In the Infinito finish, this characteristic should be highlighted, leaving them open. Only in the case of tiling the inside of a shower or other areas in constant contact with water should the holes be filled with Mapei Keracolor FF White 100.</p>	<p>Gris du Marais is a classic marble, characterised by a dappled surface in varying hues of grey. You may see tiny, subtle copper-coloured veins running through. These are not defects, but are a part of the stone itself.</p>	<p>Upon arrival, Pietra d'Avola may have a dark grey colour that is quite different from the treated samples found at points of sale. This is absolutely normal; the dark and intense colour will appear as soon as the FILA STONEPLUS treatment is applied.</p> <p>Pietra d'Avola is a compact material with a very low absorbency coefficient. As a result, most of the water-oil-repellent products on the market are too dense and tend to create a film on the surface of the tile that is difficult to remove. Therefore, to provide maximum stain resistance we recommend using FILA STONEPLUS.</p>	<p>Given these stone's level of absorption, we recommend quickly removing the excess grout deposited on the surface as soon as you notice it starting to dry (time varies depending on the season and temperature).</p> <p>CREMA D'ORCIA: Small holes, snail-shaped fossils and intrusions of pink quartz are a natural feature of Crema d'Orcia.</p> <p>SILK GEORGETTE: The dark quartz lines are a natural characteristic of Silk Georgette. They are not fractures and do not represent any risk of breakage.</p> <p>It is also normal to find reddish stains, and again, these are a natural characteristic of Silk Georgette.</p>

In the stone sector, it is common to report nominal dimensions, applying the EC rules for which precise dimensional tolerances are set. This does not compromise the quality of the product nor will it create problems during installation.

SUGGESTIONS / BEFORE BEGINNING



Caution: a square metre of Infinito weighs approximately 37 kg. Take care to keep your back straight when lifting boxes.



Caution: wear the required protective clothing when accessing work areas. This will reduce the risk of personal injury.



Unpack the tiles and check to see that they are in good condition. If there are any damages, do not proceed with installation. Notify your retailer within the specified timeline. Returns are not accepted once the tiles have been installed.



The material could arrive on site still damp (this is due to the use of water in the processing stages). As a result, the colour may appear darker. You can easily check to see if the material is damp by exposing it directly to a heat source for a few seconds. It should start to lighten visibly and return to its original tone.

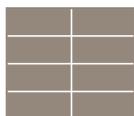
SUGGESTIONS / SPECIAL NOTES



Caution: if you have a radiant underfloor heating system, we recommend keeping the system turned off for the duration of the various laying phases.

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LAYING PATTERN



Choose with the help of a designer if you prefer an orthogonal laying pattern.



Choose with the help of a designer if you prefer a running laying pattern which may be at random or regular intervals depending upon personal choice.



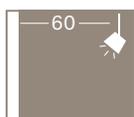
Caution: the Infinito finish can only be laid in one direction. If the groove typical of Infinito is not created at the joint between the two tiles, rotate the tile by 180° so that the ridge is always visible.

DRY LAYING

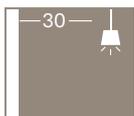


Lay the tiles according to the pattern desired. Being a natural material, the tiles will not have a uniform colour, and therefore we advise you to give some thought during this stage to how you mix the variations in tonality to give you the best overall effect.

DESIGN SUGGESTIONS / HORIZONTAL LAYING



Like any other textured finish, Infinito is particularly highlighted by oblique light. Therefore, in the event of adjustable lighting, we recommend installing the light source no more than 60 cm away.



If the light is fixed, installation of the light source must not exceed 30 cm.

DESIGN SUGGESTIONS / VERTICAL LAYING



In the case of vertical laying of Infinito, we recommend that the light source comes from the side. Vertical laying is strongly recommended in showers and other areas in frequent contact with water.



In the case of lighting from above, we recommend the use of adjustable spotlights so as to cross the beams of light to bring out the texture.

PRETREATMENT

Fine grain grout for marble is strongly recommended due to the minimum width of the spacing generally required by designers. This type of grout contains very fine particles of cement, polymers and pigments of colour, which can penetrate the microscopic pores of the surfaces of the stone, where they remain trapped and appear as stains in the stone.

For this reason, Lava, Crema d'Orcia and Silk Georgette, and even more so Avana, should be protected with a pretreatment to avoid staining. This should be applied also to the edges of each tile prevent grout seepage.

LAVA	AVANA	BIANCO CARRARA	GRIS DU MARAIS	PIETRA D'AVOLA	CREMA D'ORCIA/SILK GEORGETTE
Recommended: FILA W68 (water based) One 1-litre bottle per 10/15 sqm. Always follow the instructions on the package.	Strongly recommended: FILA W68 (water based) One 1-litre bottle per 10/15 sqm. Always follow the instructions on the package.	Optional: FILA W68 (water based) One 1-litre bottle per 10/15 sqm. Always follow the instructions on the package.	-	-	Recommended: FILA W68 (water based) one 1-litre bottle per 10/15 sqm. Always follow the instructions on the package.

DRYING



Let dry 24-48 hours (may require longer, depending on the actual environment's conditions).

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GLUING



Using a toothed spatula, spread a thin layer of adhesive on the laying surface.



Using a smooth trowel, spread a layer of adhesive on the entire rough face (back) of the tile. Important! If you are laying Lava, ensure the adhesive is applied evenly to the entire rear surface, otherwise shading and stains could develop which would be visible on the front of the tiles. For Lava we recommend the application of a primer before the adhesive coat to ensure there is no seepage.

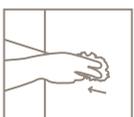


Glue the tile to the surface.



Level the tiles with your hands or with a rubber mallet.

ADHESIVE CLEANING



Immediately remove any spills of excess adhesive from the spacing with a damp sponge and clean the adhesive left in the spacing as this could prevent the grout penetrating between the tiles.

RECOMMENDED ADHESIVES

	LAVA	AVANA	BIANCO CARRARA	GRIS DU MARAIS	PIETRA D'AVOLA	CREMA D'ORCIA/SILK GEORGETTE
Installation on wood	Mapei Keralastic T grey	Mapei Keralastic T grey	Mapei Keralastic T white	Mapei Keralastic T grey	Mapei Keralastic T grey	Mapei Keralastic T white
Installation on plasterboard	Mapei Elastorapid grey	Mapei Elastorapid grey	Mapei Elastorapid white	Mapei Elastorapid grey	Mapei Elastorapid grey	Mapei Elastorapid white
Installation on concrete	Mapei Elastorapid grey	Mapei Elastorapid grey	Mapei Elastorapid white	Mapei Elastorapid grey	Mapei Elastorapid grey	Mapei Elastorapid white

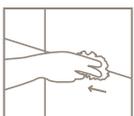
SPACING AND GROUTING



The beauty of the Infinito finish comes from the continuity of the texture. In this case, you may choose leave a slight gap between the tiles (for example, to facilitate the laying of surfaces that are not perfectly flush); we recommend never going beyond a millimetre of width.

Fill the space with the recommended grout. Note that as Avana is highly absorbent, we recommend NOT to use grout as it could spill over onto the tiles and cause unsightly shading.

CLEANING OF GROUT MATERIAL



Remove the grout from the tile surface as soon as it starts to dry (within 5-30 minutes of laying).

GROUT (in the event of laying with small spacing)

	LAVA	AVANA	BIANCO CARRARA	GRIS DU MARAIS	PIETRA D'AVOLA	CREMA D'ORCIA/SILK GEORGETTE
	Mapei Keracolor FF Anthracite 114	-	Mapei Keracolor FF White 100	Mapei Keracolor FF Anthracite 114	Mapei Keracolor FF Anthracite 114	Mapei Keracolor FF Jasmine 130

CLEANING



Wash the laid surface with the specified product.

LAVA	AVANA	BIANCO CARRARA	GRIS DU MARAIS	PIETRA D'AVOLA	CREMA D'ORCIA/SILK GEORGETTE
FILA PS87 One 1-litre bottle per 30 sqm.	FILA PS87 One 1 litre-bottle per 30 sqm.	FILA PS87 One 1-litre bottle per 30 sqm.			

DRYING



Let dry 24-48 hours (may require longer, depending on the actual environment's conditions).

FINAL TREATMENT

Once laying is complete, apply a water-oil-repellent product that will protect both the stone and the spacing. Follow the instructions on the package. To prevent possible leakages from staining the material, we suggest always applying the product from the bottom upwards. For Avana, we also recommend the use of FILAMATT Liquid Wax which will further protect the stone by creating a thin film on the surface. The FILAMATT should be applied as the final step after FILAFOB. Therefore, in this case, the order of application of treatments for Avana would be: HYDROREP then FILAFOB and finally FILAMATT.

NOTE

For surfaces in wet environments, after cleaning apply a coat of FILA HYDROREP, and after 24 hours proceed with the final treatment indicated above. Do not use FILAMATT on flat surfaces with a high risk of slipping. FILA HYDROREP must not be applied to Pietra d'Avola as STONEPLUS (see the table below) already acts as a water-oil-repellent.



LAVA	AVANA	BIANCO CARRARA	GRIS DU MARAIS	PIETRA D'AVOLA*	CREMA D'ORCIA/SILK GEORGETTE
FILAFOB (solvent based) One 1-litre bottle per 15 sqm for each coat. We recommend the application of two or more coats. Neutral protectant. Always follow the instructions on the package.	FILAFOB (solvent based) One 1-litre bottle per 15 sqm for each coat. We recommend two coats of FILAFOB (neutral protectant) plus the use of two layers of FILAMATT (liquid wax). Always follow the instructions on the package.	FILAFOB (solvent based) One 1-litre bottle per 15 sqm for each coat. We recommend the application of two or more coats. Neutral protectant. Always follow the instructions on the package.	FILAFOB (solvent based) One 1-litre bottle per 15 sqm for each coat. We recommend the application of two or more coats. Neutral protectant. Always follow the instructions on the package.	STONEPLUS (solvent based) One 1-litre bottle per 20 sqm for each coat. We recommend the application of one coat. Reviving protectant. Always follow the instructions on the package.	FILAFOB (solvent based) One 1-litre bottle per 15 sqm for each coat. We recommend the application of two or more coats. Neutral protectant. Always follow the instructions on the package.

***NOTE:**

In the case of Pietra d'Avola, to avoid the creation of a "film" on the surface of the stone, any excess of STONEPLUS must be removed within 5-10 minutes with a light-coloured cloth or paper towel. Pass the cloth in the direction of the texture making sure that all excess is removed from the grooves.

NOTE:

As Lava, Avana and Pietra d'Avola have a higher level of porosity, you may notice a difference in colour after applying FILAFOB or STONEPLUS. In this case, just apply a second coat to the lighter areas.



Let dry 24-48 hours before use.



After treatment, cover the area with a non-woven fabric so that the surface stays protected during the remaining installation phases. For flooring in particular, it is critical that you use several layers of fabric, so any breakages due to the continuous passage of workers do not uncover the stone and expose it to the possibility of staining or damage.

ONGOING MAINTENANCE AND CLEANING

For routine maintenance of the surfaces, always use neutral cleansers (for example, FILACLEANER or neutral soap). Do not in any case use harsh products that could irreparably damage the surface of the stone (such as acids or descaling products).

We strongly recommend that you do not place hot objects such as kettles or pans directly onto natural stone as it may cause discolouration or staining.

If your stone is exposed to "hard water" where there is a high mineral content, you will need to take a little extra care as the cleaning properties of the FILACLEANER or neutral detergent will be weakened. You will therefore need to use these products a little more frequently so that soap scum, lime scale and the like do not have the chance to build up and congeal.

GLOSSARY OF PRODUCTS**PRETREATMENT**

FILA W68: water-based product which is used to protect the stone during the grouting step

ADHESIVE

MAPEI KERALASTIC T for installation on wood

MAPEI ELASTORAPID for installation on plasterboard and concrete

GROUT

MAPEI KERACOLOR FF

POST-LAYING CLEANING

FILA PS8: suitable for most types of stone, it is recommended for use during installation and for when particular maintenance is required

FINAL TREATMENT

FILA HYDROREP: to be used for surfaces in wet environments (must not be used with STONEPLUS)

FILAFOB: neutral solvent-based protectant

FILA STONEPLUS: A solvent-based protectant which also enhances the colour of the stone and is recommended for Pietra d'Avola

FILAMATT: neutral solvent-based protectant, a protective liquid wax, recommended for Avana

ONGOING CLEANING

FILACLEANER or liquid neutral soap: a neutral cleaner for normal maintenance of stone surfaces