

**SUGGESTIONS / FACTORS TO CONSIDER**

BIANCO CARRARA	PIETRA D'AVOLA	CREMA D'ORCIA	SILK GEORGETTE
<p>The small holes, commonly referred to as "tarolo", are a natural characteristic of Bianco Carrara. In the Raw 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>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 absorben- cy 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 this 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>The small holes are a natural feature of Crema d'Orcia.</p> <p>For the Raw finish, to obtain a better visual effect we recommend filling the holes with Mapei Keracolor FF Jasmine 130 and Mapei Keracolor FF Bianco 100 (50% Jasmine + 50% Bianco).</p>	<p>Given this 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>The dark quartz lines are a natural characteristic of the material; 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 box of tiles from the Raw collection weighs approximately 37 kg. Take care to lift it up and lay it down on the ground while keeping your back straight.



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



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.

## RAW INSTALLATION GUIDE

### LAYING PATTERN



Caution: Raw can only be laid in one direction, ie either horizontally or vertically, but never a mix of the two. Ensure that the tiles always follow the same direction (with the help of the arrows on the back).



The Raw finish must be laid in a running pattern which may be at random or regular intervals depending upon personal choice.

### DRY LAYING

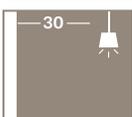


Lay the tiles according to the pattern desired. Being a natural material, the tiles will not have a uniform colour, and therefore we advise you to give some thought during this stage to how you mix the variations in tonality to give you the best overall effect.

### DESIGN / LAYING SUGGESTIONS



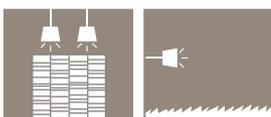
Like any other textured finish, Raw is particularly highlighted by oblique light. Therefore, in the event of adjustable lighting, we recommend installing the light source no more than 60 cm away.



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



In case of horizontal tile installation, we recommend a side light source. Vertical laying is strongly recommended in showers and other areas in frequent contact with water.  
ATTENTION: in this way the tile should underline the shadow effect typical of the Raw texture. Otherwise rotate the tile by 180°.



In case of upright tile installation we recommend a light source from above.  
ATTENTION: in this way the tile should underline the shadow effect typical of the Raw texture. Otherwise rotate the tile by 180°.

### 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, Crema d'Orcia and Silk Georgette should be protected with a pretreatment before grouting to prevent staining.

BIANCO CARRARA	PIETRA D'AVOLA	CREMA D'ORCIA	SILK GEORGETTE
Optional: FILA W68 (water based) One 1-litre bottle every 10/15 sqm. Always follow the instructions on the package.	-	Recommended: FILA W68 (water based) One 1-litre bottle every 10/15 sqm. Always follow the instructions on the package.	Recommended: FILA W68 (water based) One 1-litre bottle every 10/15 sqm. Always follow the instructions on the package.

### DRYING



Let dry 24 hours before use.

## RAW INSTALLATION GUIDE

### 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.

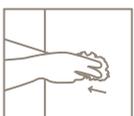


Glue the tile to the surface.



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

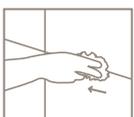
	<b>BIANCO CARRARA</b>	<b>PIETRA D'AVOLA</b>	<b>CREMA D'ORCIA</b>	<b>SILK GEORGETTE</b>
Installation on wood	Mapei Keralastic T white	Mapei Keralastic T grey	Mapei Keralastic T white	Mapei Keralastic T white
Installation on plasterboard	Mapei Elastorapid white	Mapei Elastorapid grey	Mapei Elastorapid white	Mapei Elastorapid white
Installation on concrete	Mapei Elastorapid white	Mapei Elastorapid grey	Mapei Elastorapid white	Mapei Elastorapid white

### SPACING AND GROUTING



The beauty of the Raw finish comes from the continuity of the texture. In this case, you may choose to 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 spacing with the recommended grout.

### CLEANING OF GROUT MATERIAL



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

### RECOMMENDED GROUT (in the event of laying with small spacing)

	<b>BIANCO CARRARA</b>	<b>PIETRA D'AVOLA</b>	<b>CREMA D'ORCIA</b>	<b>SILK GEORGETTE</b>
	Mapei Keracolor FF White 100	Mapei Keracolor FF Anthracite 114	Mapei Keracolor FF Jasmine 130 and Mapei Keracolor FF White 100 (50% Jasmine + 50% White).	Mapei Keracolor FF Silver Grey 111

**CLEANING**



Wash the laid surface with the specified product.

BIANCO CARRARA	PIETRA D'AVOLA	CREMA D'ORCIA	SILK GEORGETTE
FILA PS87 One 1-litre bottle every 30 sqm.	FILA PS87 One 1 litre-bottle per 30 sqm.	FILA PS87 One 1-litre bottle every 30 sqm.	FILA PS87 One 1-litre bottle every 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.

**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. FILA HYDROREP must not be applied to Pietra d'Avola as STONEPLUS (see the table below) already acts as a water-oil-repellent.



BIANCO CARRARA	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.	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.	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.



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 PS87: 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

### **ONGOING CLEANING**

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