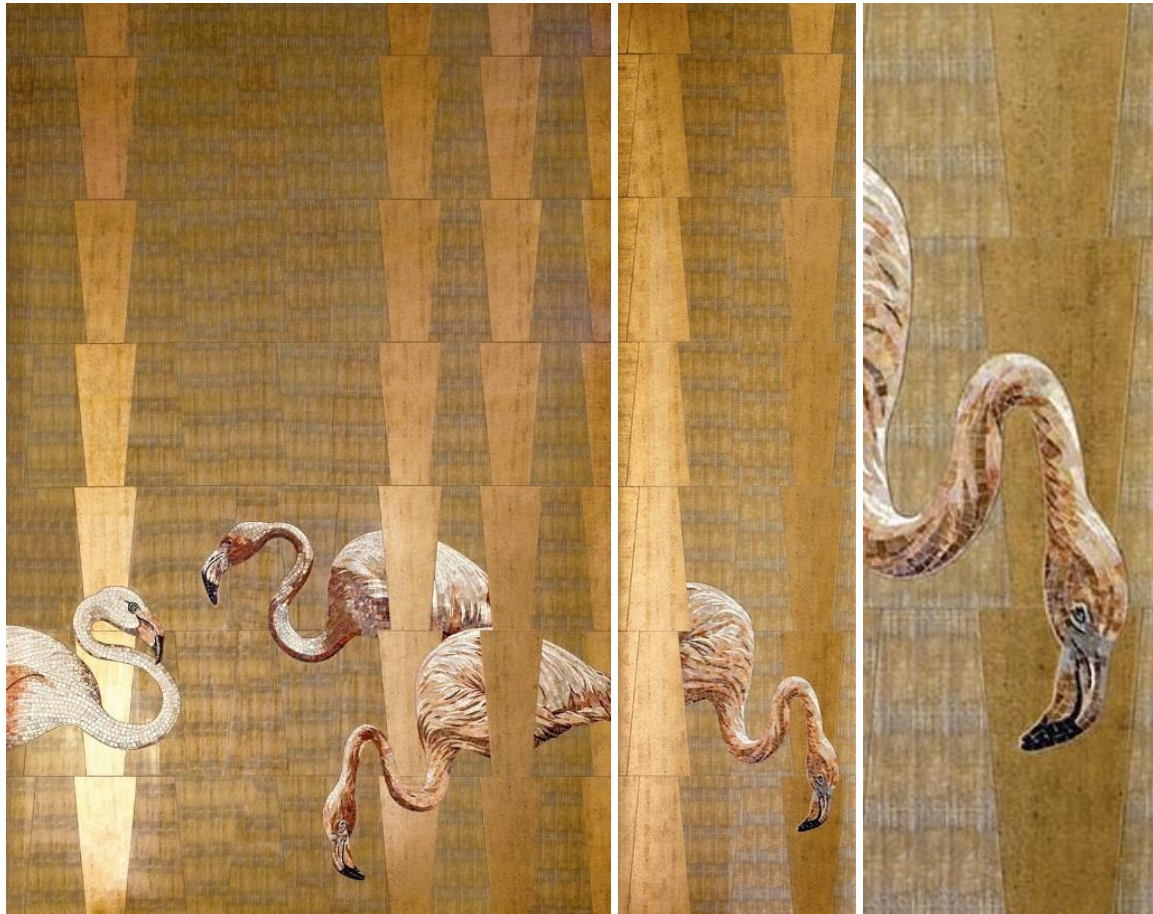


## HOW TO COMBINE VETRITE AND MOSAIC

Vetrite's versatility and its ease of processing allows the realization of complex composition such as the combination of pieces of Vetrite and inserts of artistic mosaic. Such solutions are made possible by cutting Vetrite slabs so to have mosaic panels and Vetrite parts having perfectly matching dimensions. The information provided below is to be read alongside the installation manual for Vetrite, available on Vetrite's website ( <https://www.sicisvetrite.com/> ). The installation manual provides the guidelines to follow when cutting, laying, moving, handling or stocking Vetrite.

### DESIGNING AND REALIZING COMPOSITIONS WITH VETRITE

The realization of compositions including Vetrite parts and mosaic inserts, just like compositions having Vetrite pieces in different shapes and different sizes, starts with a phases in which the composition is designed. The outline of the composition is designed and the dimensions of the parts of Vetrite and mosaic involved are determined. This allows to precisely know in advance how many pieces of Vetrite are needed and in which size to cut them, so to precisely know how many Vetrite slabs will be needed.



When designing the outline of the composition it is necessary to consider the width of the joints that will be left between the pieces of Vetrite. The size in which the pieces of Vetrite included in the composition are to be cut must be determined also in light of the width of the joints. Between the pieces of Vetrite and the mosaic insert, a 1 mm margin is usually left.

Once the outline of the composition has been designed and the number and sizes of the pieces of Vetrite involved have been determined, the pieces are cut using the Waterjet machine.





A foamed PVC sheet having the same exact size and shape of the mosaic insert is also cut using the Waterjet.



The function of the foamed PVC sheet is to make sure that the size and shape of the Vetríte pieces and that of the mosaic insert match. Furthermore, the foamed PVC sheet is used to compensate for the difference in thickness between the Vetríte parts and the mosaic parts. The Vetríte parts are

usually (although, not always) thicker than the mosaic inserts. Laying the mosaic insert on a foamed PVC sheet having the same thickness as the difference in thickness between the Vetríte part and the mosaic part makes it possible to lay Vetríte and mosaic next to each other without having differences in the thickness of the two parts of the composition. When calculating the thickness of the mosaic layer it is obviously necessary to consider the thickness of the net onto which the mosaic is mounted and that of the adhesive.



Laying operations must be carried out in compliance with the rules governing the laying of Vetríte and mosaic. For this, refer to the installation manual for Vetríte (available on the website: <https://www.sicisvetrite.com/> ) and to the installation manual for SICIS's mosaic (available on the website: [https://www.sicis.com/en\\_gb/](https://www.sicis.com/en_gb/) ).

Decide whether to lay the mosaic on the foamed PVC sheet or not depending on the difference in thickness between the Vetríte part and the mosaic part. The overarching goal is to realize a composition in which different materials coexist without compromising the overall planarity of the composition.



## **COMPOSITIONS WITH VETRITE AS DOOR COVERINGS**

It is possible to use Vetríte to cover doors. Likewise, it is possible to realize doors covered in compositions of Vetríte in different sizes and shapes, or combinations of Vetríte and mosaic, such as those described above.



The procedures for the design of the composition and for the cut of the pieces of Vetríte and the mosaic inserts is the same as described above.

In case the door includes holes designed to contain pulls, knobs or other accessories, consider the presence of the holes when designing the composition. Cut Vetríte and the foamed PVC sheet accordingly.

In case knobs or other accessories are directly installed onto the Vetríte layer, be sure to pay extra care when tightening them, as excessive pressure applied when tightening bolts or accessories could result in the Vetríte board to crack. To prevent this from happening, it is suggested to use controlled tightening tools (such as torque wrenches). Even regarding this point, please follow the instruction provided by the installation manual for Vetríte.

Vetrite Astrakan Pavone



Artistic Mosaic Decor

PVC



Artistic Mosaic Insert





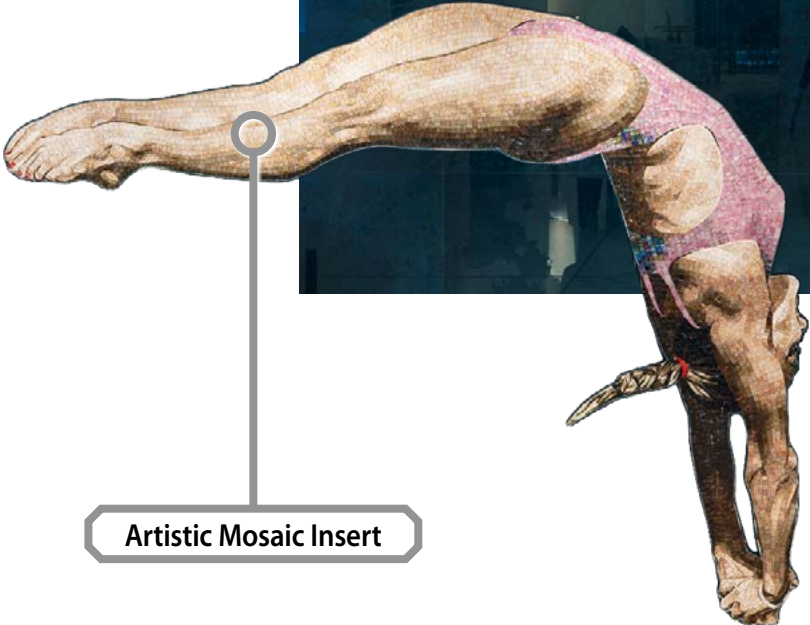


Vetrite Astrakan Pavone



Artistic Mosaic Decor

PVC



Artistic Mosaic Insert