

MIRAGE
®
GRANITO CERAMICO

Mirage Granito Ceramico

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CAP. SOC. € 5.000.000. INT.VERS.

CODICE FISCALE E PARTITA IVA 00175990365

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Product Information – MIRAGE Ceramic Granite®

The reliability of a leader

Since 1987 Mirage has been assisting designers and contractors in the realization of facades using Ceramic Granite®. The experience we have acquired has become the unique heritage that our company puts at the disposal of our business partners when planning new projects backed by expertise and know-how matured over 15 years of activity in wall coverings.

The most tested, safest materials

Mirage Ceramic Granite® has been used for ventilated walls with joined, continuous, or "pin" anchorage systems, with a total of over 3,000,000 square meters applied to facades. Our materials, installed all over the world, from Siberia to the Arab Emirates, from the United States to South America, from Europe to the Far East, are a living guarantee of the quality and reliability of this product.

Experience and service

The experts in the Mirage Engineering Division, backed by their know-how and wealth of experience, are available to follow designers and building companies throughout all the various work stages; from design to planning, right up to on-site installation, coordinating and collaborating with specialized companies who intervene during the project.

Ceramic Granite®

The name of Mirage is linked inextricably to the creation of Ceramic Granite®, an innovative material which combines the reliability and performance of the best porcelain stoneware with the versatility and natural look of natural stone and granite.

The production technology and installations were developed in Mirage and are protected by various international patents.

Prestigious applications world-wide testify to the value and quality of the product, confirmed by over 60 million m² laid around the world.

As natural as stone

The slabs of Mirage Ceramic Granite® are veined throughout the thickness, like slabs of natural granite and marble, to which they can be compared in appearance, colors and workability. As with natural stone, the veining is random and not repetitive, but without those excesses in variation typical of marble and granite.

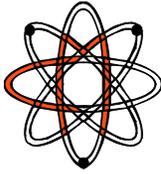
Not just tiles, but rather a material

Unlike traditional ceramics or porcelain stoneware, which are normally produced in "tiles" of sizes up to 40x40 cm, Ceramic Granite® is a material that, besides the most common sizes, can be supplied in matt slabs of 125x178x3 cm.

Workable like marble

Ceramic Granite®, especially in the larger sizes, can be worked like natural stone. It is supplied already in slabs rather than in blocks for splitting, as happens with quarried marble or granite.

In this way it is possible to obtain stairs with monolithic large steps, bathroom and kitchen tops, window ledges, and decorative elements. It is ideal for ventilated walls and raised floors.



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Production Processes

Ceramic materials can be divided into various families according to the production processes. The type with the best technical features is porcelain stoneware, of which Ceramic Granite® is the most advanced form.

Ceramic Granite® is made exclusively of carefully selected natural raw materials: feldspars, quartz, noble clays and other minerals, which create the different colorings.

The material is formed by dry-pressing, followed by firing in roller kilns (at temperatures of over 1200° C).

Using an exclusive powder mixing process (protected by European patents), a veining throughout the entire slab thickness is obtained. In addition to this veining the slab is also often enhanced by a special grainy effect, which highlights its aesthetic value.

Surface finishes

The surface can be worked during or at the end of the cycle, resulting in various finishes which, thanks to the different degrees of light refraction make it possible to obtain original finishes and effects.

NAT (Natural) - PREL (Pre-polished) - LEV (Polished)

Sizes

The standard sizes available, in nominal dimensions, are the following:

30x60 cm - 12"x24"

40x40 cm - 16"x16"

45x45 cm - 18"x18"

60x60 cm - 24"x24"

60x120 cm - 24"x48"

64x122x3 cm - 25"x48"x1 1/4"

125x178x2 cm - 49"x70"3/4"

125x178x3 cm - 49"x70"x1 1/4"

Special size products can be supplied on request.

Thicknesses

from 8 to 30 mm.

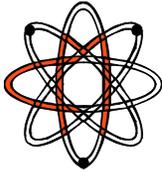
Microorganisms cannot grow on Ceramic Granite®.

It is easy to clean thanks to the high level of surface energy and the absence of hysteresis (it is totally free of fluorine), which makes it difficult for the dirt particles to bond together physically or to become charged and attack the slabs. There has even been a self-cleaning effect noted in Ceramic Granite® used for walls in areas with good wind conditions.

Thanks to these features, Ceramic Granite® has proved to be particularly suitable for facade coverings. The updated range of collections is illustrated in Mirage general catalogue.

POLISHED (LEV)

Ceramic granite® is honed and polished at in the Mirage plant, with an exclusive mechanical process and without any harmful chemical substance. The particular brightness comes from the hardness and the homogeneity of the materials. All the polished materials have squared and bevelled sides.



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PRE-POLISHED (PREL)

An innovative Mirage Ceramic Granite® surface finish that combines the beauty of polished products with an excellent resistance to scratches, stains and wear. Better still, it has a non-slip factor R9 and is easy to clean. The material's high performance level is due to the special technology used. Mirage has registered an international patent that permits the vein to be exposed at the press, revealing the veining present inside the material; colors and veining are therefore very similar to the polished version. During the firing phase, thanks also to the top quality raw materials used, the surfaces are completely vitrified, preventing any surface porosity. No dirt or staining materials can penetrate or stick to the material, which means the product is therefore easy to clean. The material is not slippery and has been classed as level R9 according to the German DIN standards.

NATURAL (NAT)

It refers to the material in its natural state, without any particular working. Depending on the type of die used, the tiles may have perfectly smooth surfaces or the graining of the material may be highlighted.

Special textured or anti-slip finishes are also available.

IMPORTANT: the compactness and the perfect vitrification of Mirage materials do not require the application of crystallines, vitreous or transparent glazes, to protect its surface.