

Marble and Stones

Technical specifications,
care and maintenance instructions

Marbles

natural properties

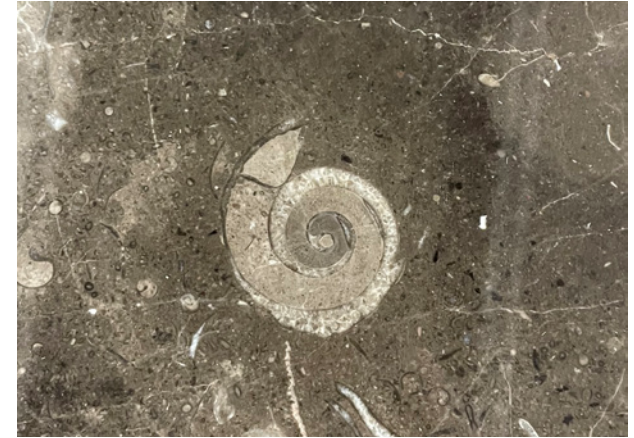
Marble is a natural, porous, delicate and never uniform material. The nonuniformity is particularly evident in some marble types, such as Perpetto Brown and Emperador brown, that come from the quarry with fillings, resins, quartz veins or veins of other materials, sandy parts, but it is also to be found in all other marble types. These features are not to be considered defects, but natural properties of the marble, and can contribute to make the natural painting (in case the marble is not provided with polyester coating) less uniform, since the painting adheres to the marble differently, according to the characteristics of the marble part. In the same way the so called "taroli" typical for the white Carrara marble, are natural properties of this marble, and cannot be considered defects. Since marbles are natural materials quarried from mountains, on the marble slab it is possible to find also fossils, pictures of some examples attached, the which are absolutely no object of complaint, but enhance the uniqueness of the material.

Use and maintenance

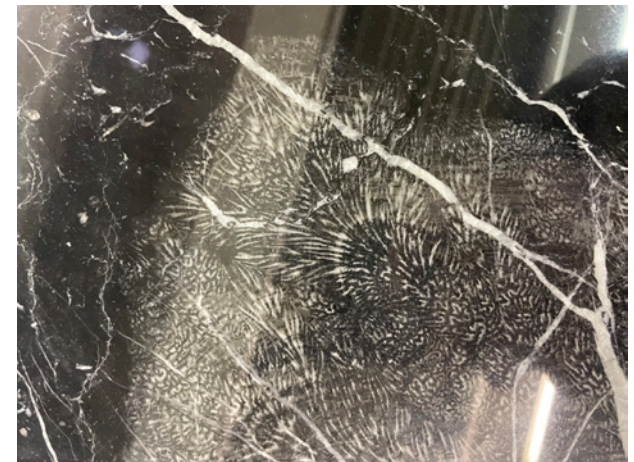
As marble is a natural, porous and delicate material, any kind of liquid or stain must be promptly removed, in order to prevent the penetration and consequent damage of the marble. In the same way, agents with acid PH such as wine and lemon are particularly aggressive and must be immediately removed, in order to avoid an irreversible damage that could be repaired only with a new marble polishing.

Any possible stain or damage caused by lack of cleaning or by improper use will not be considered subject of complaint.

For ordinary maintenance we suggest to use a multi-fibre cloth and water.



Example of an ammonite shell fossil



Example of a fossil sponge

Polyester treatment on demand

On demand, marble tops can be coated with the polyester treatment, which consists in a painting process similar to the process that wooden furniture is submitted to, covering any possible micro hole, sealing, filling, thus making the marble uniform and smooth, also in the painting.

Due to this treatment, marble tops are more resistant to stains, even though any possible stain must be quickly removed by means of a cloth.

The treatment can be shiny or matte. As a general rule, bear in mind that marble countertops with a polyester treatment, whether polished or matte, are always shinier than naturally polished countertops, whether polished or matte. The duration of the polyester treatment is not unlimited in time and, as any other painted surface, it undergoes a normal wear in time. For information about the treatment price, see price list in the “Sales advice” section.

Polyester treatment is recommended in the following cases:

- ***to increase the uniformity of polishing***
- ***To make the marble surface more uniform and less porous***

Nesting service

We offer a “nesting service” to our customers, which consists in the opportunity of having a preview picture of their table before the marble slab is cut.

The customer has to acknowledge the receipt of the picture within two working days and confirm that we can proceed with the production of the goods. The nesting service is not meant to offer a selection of slabs to the customers, but as a preview and acceptance of the table before the marble is cut. We remind our customers that the marble slabs available in a specific moment are very similar to each other. The supply of slabs belonging to other marble blocks might take a very long time.

Please always remember that marble and stones are natural materials, and that every slab is unique and exclusive, and can be different from possible samples.

For information about the price of each “nesting service”, see price list in the “Sales advice” section.

Carrara White

Carrara White is an Italian marble.

It is a metamorphic rock composed mainly of calcium carbonate.

Carrara White, like Calacatta and most of the white marbles coming from the Carrara area, can have some small holes called “taroli” in the local dialect.

These small holes are typical of dry, crystalline and clear materials. In the stone sector, these holes are considered acceptable if their diameter does not exceed 5 mm.

Taroli are therefore not considered defects, but rather “a particular state of the marble nature” of some materials with a composition of more than 90% calcium carbonate and an inhibition coefficient of about 0.02%.

This marble is very porous and it is made of different components which absorb the polishing in different ways. The result is a polished effect that is not homogeneous.

We suggest to order the polyester treatment to avoid this effect.

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Calacatta

Calacatta is an Italian precious marble.

Quarried in the Carrara, Versilia and Garfagnana areas, Calacatta is a marble with a saccharoid structure, characterised by a creamy-white background and pronounced veining, which can be brown, golden yellow, pinkish brown, green or grey.

The veining is very variable, so that we can find areas with a distinct pattern alternating with areas with wide white zones.

Since it is a sedimentary sandstone marble, in Calacatta we can also find crystals and grey rocks, homogeneously distributed, which are considered a typical characteristic of this marble.

Please note: the Calacatta marble slabs currently available have little or no gold veining, but rather veining in shades of grey and/or taupe.

Also typical of Calacatta are the so-called “colature di resina” (resin castings), which are applied directly to the marble block before it is cut into slabs, in order to fill in any cracks that may occur as a result of detachment from the quarry face.

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Calacatta Viola

Calacatta Viola is an Italian precious marble.

The Purple Calacatta marble is an Apuan marble, extracted in the areas of Carrara but also in Versilia and Garfagnana.

It is a fine-grained marble with a white background with purplish-coloured veins.

Sometimes the purple colour of the vein fades towards pink and green with golden flashes typical of the Vagli marbles.

The quarries have a limited productivity and the blocks must be resinated before being cut in order to prevent the breaking of the slabs, which are then resined again to repair defects and micro-cracks.

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Calacatta Vagli

Calacatta Vagli is an Italian precious marble.

Quarried in the Apuan alps, in the Carrara area.

The structure of Calacatta marble is made of crystalline white limestone and yellow-gold veins.

This precious Italian marble can be recognized among other Calacatta marbles for the alternation of fine veins and ovules which, from light grey, take on a golden colour with amber shades.

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Arabescato Vagli

Arabescato Vagli is an Italian precious marble. Quarried in the Apuan, and Versilia areas, its name derives from Vagli, a town located in the province of Lucca. The material is characterized by a particularly white background, with grey / greenish veins, sometimes pinkish. Also typical of Arabescato are the so-called "colature di resina" (resin castings), which are applied directly to the marble block before it is cut into slabs, in order to fill in any cracks that may occur as a result of detachment from the quarry face.

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Covelano White

White Covelano is an Italian very precious marble.

Covelano marble is extracted in Val Venosta in the province of Bolzano and is the hardest white marble in the world. It has a white background with different shades of veins. Its highly crystalline structure, with an average 98% of calcium carbonate, make it an extremely pure marble. Its appearance is due to the unique shine and lively brilliance typical of Skaleonder crystals.

The unique and extremely pure structure minimizes water absorption, giving the Covelano White Marble its famous resistance to bad weather and frost.

The small crystals of this precious marble, perfectly agglomerated, are made of a homogeneous grain, which not only makes it extremely solid and resistant to pressure, but also translucent.

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Emperador Brown

Emperador brown is a Spanish marble. It is a metamorphic rock consisting mainly in calcium carbonate.

The Emperador brown marble can have empty spaces inside, which are closed with resins and granulates.

It can present “orange mottles”, which are typical characteristics of this marble and therefore cannot be considered defects (see picture of the marble block, which shows that this is an original feature of the marble that is not filled in a second moment).

Resining and filling processes, in the same colour as the marble, in other colours or transparent, not orange, are carried out directly in the quarry after sawing the block.

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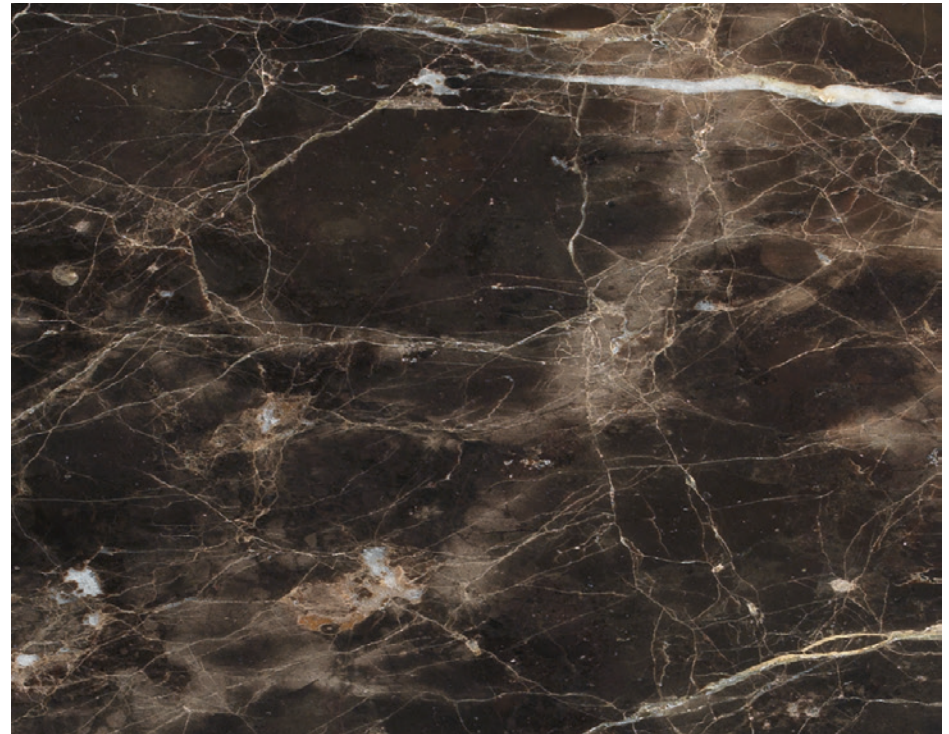
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Perfetto Brown

Perfetto Brown is an Italian marble. It has a white background with significant polychrome veining.

The white mottles are typical characteristics of the Perfetto brown marble and for this reason they cannot be considered defects (see pictures).

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Velvet Brown

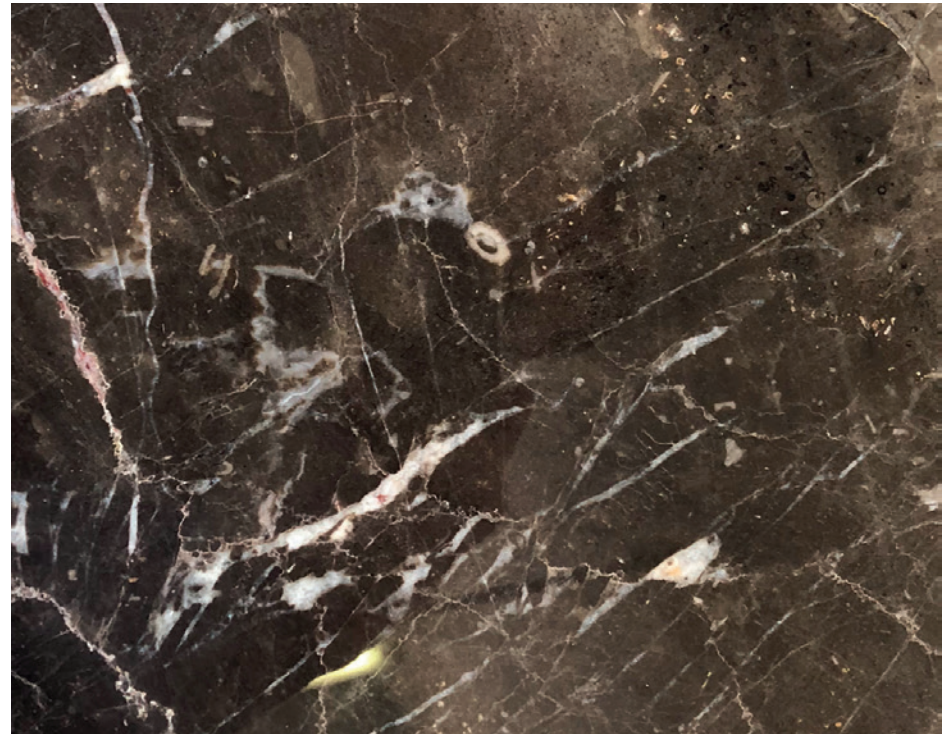
Velvet Brown is a marble from China, with resin and net finish. It may sometimes have grey areas with an ovular appearance. This marble is very porous and it is made of different components which absorb the polishing in different ways. The result is a polished effect that is not homogeneous. We suggest to order the polyester treatment to avoid this effect. In fact, on demand, marble tops can be coated with polyester treatment, which consists in a painting process similar to the process that wooden furniture is submitted to, covering any possible micro hole, sealing, filling, thus making the marble uniform and smooth, also in the painting.

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Amani Bronze

Precious and elegant marble from China in bronze and brown colour characterized by golden details and thin elegant veins. Thanks to its warm and elegant shades of bronze, it creates warm and welcoming atmospheres.

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Patagonia Marble

Patagonia Marble is a Brazilian very precious marble.

Patagonia is characterized by different natural materials compressed together. It is a material with light hues, but with two contrasting elements, quartz and granite, the former looking like an icy, immobile element and the latter fluid, changing and creating movement.

Patagonia granite slabs are characterized by an extraordinary interweaving of shapes and colors: white, black, beige and brown, alternating with parts of translucent gray quartz and crossed by golden veins.

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Green Guatemala

Green Guatemala is an Indian marble.

It is a rock with an emerald green or more often rather homogeneous dark green background, furrowed by thick darker veins.

Naturally it varies according to the quarry of extraction and sometimes has lighter veins, tending to white, which contrast with the power of the green colour. It can be considered a shiny marble due to the presence of mineral crystals. It is a very compact marble even if sometimes it can present some micro-cracks.

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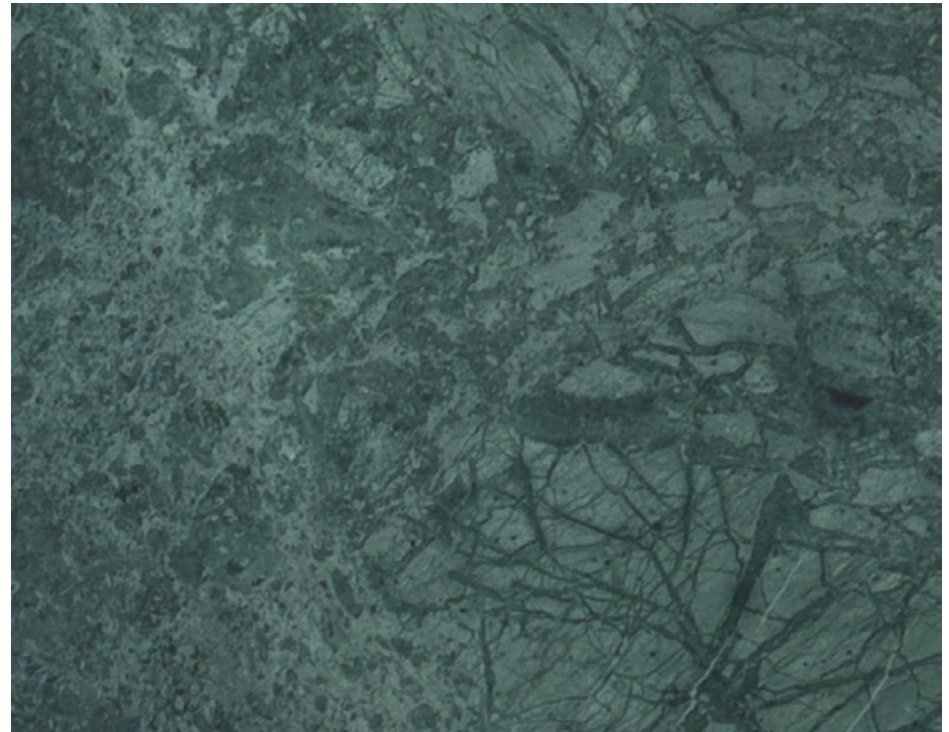
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Arabescato Orobico

Arabescato Orobico is an Italian marble.

Quarried in the alps, in the Val Brembana area.

The grey base colour with pink and gold veins convey particular chromatic characteristics to this marble which, together with the peculiar technical features, give it a prominent position within the panorama of Italian marbles.

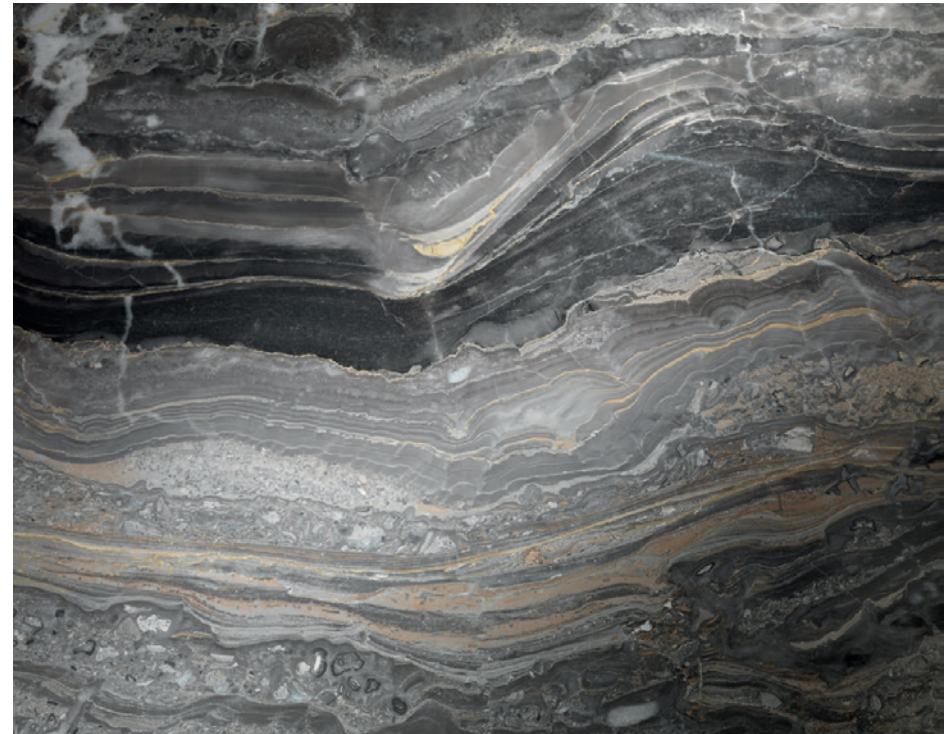
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Marquinia Black

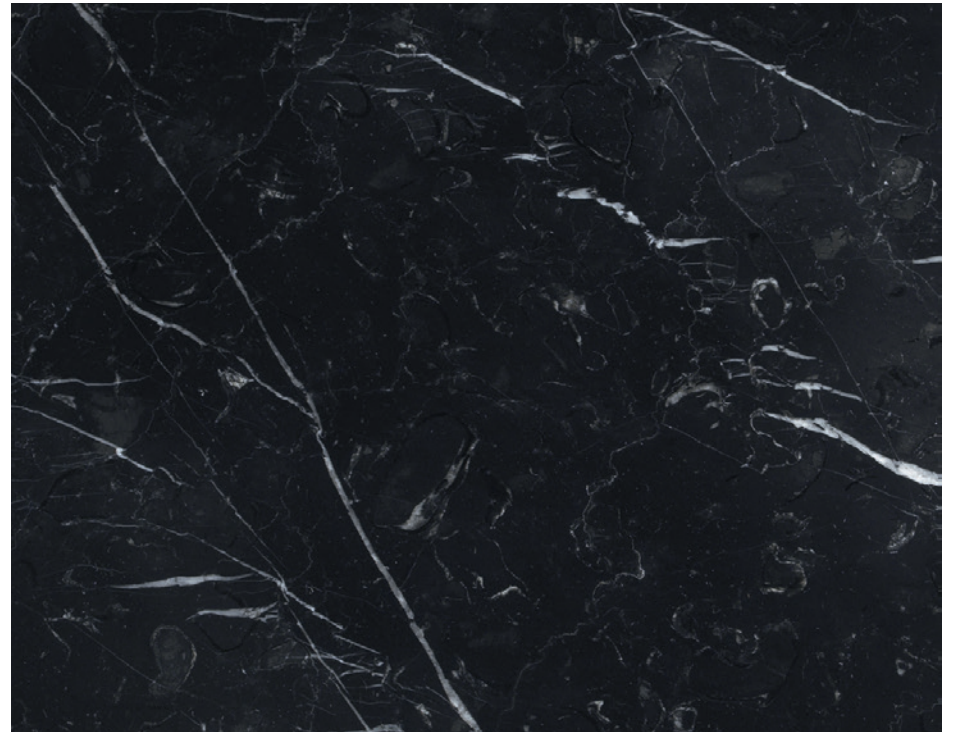
Marquinia Black is a Spanish marble.
It is a metamorphic rock consisting mainly in calcium carbonate, with a fine grane and an intense and very shiny black colour.
It can have some veins running slightly obliquely and characterized by some white mottles with different size and intensity

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Black And Gold

Black & Gold is a Pakistani precious marble.

This solid marble is a limestone with a black micro crystalline structure, with golden-yellow veining. Black with white and golden veins and blotches, the Black and Gold marble gives the opportunity of having a prestigious black and gold marble, highly requested in the luxury sector.

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Port Laurent

Port Laurent is a Moroccan precious marble.

It is characterized by the dark black background colour, dominated by white-golden veins which is particularly enhanced by the glossy finish. In fact, thanks to the crystalline structure of this marble, the polishing process gives the slabs an extraordinary shine.

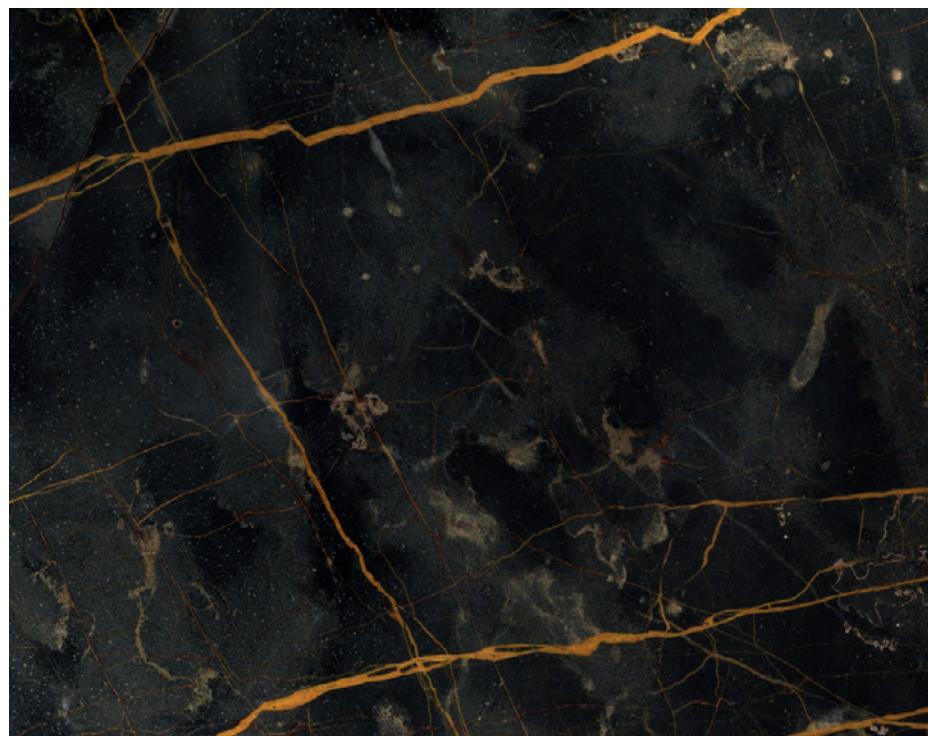
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Sahara Noir

Sahara Noir is a Tunisian precious marble.

This type of marble is composed of fossilized petroleum which gives it the classic dark background.

However, the main feature that makes Sahara Noir marble unique are its white and golden veins due in part to some of its internal components such as silicon and oxidized metal and in part to the recrystallization of calcites.

These veins, unlike other types of marble, appear as clear lines that sometimes intersect perpendicularly.

Since Sahara noir is not a very compact marble, it needs a resin coating both to highlight its black colour and to increase its resistance and consolidate its structure.

In addition, the different composition of the marble slab conveys some more opaque and uneven areas to the polishing, which is in no way a subject of complaint.

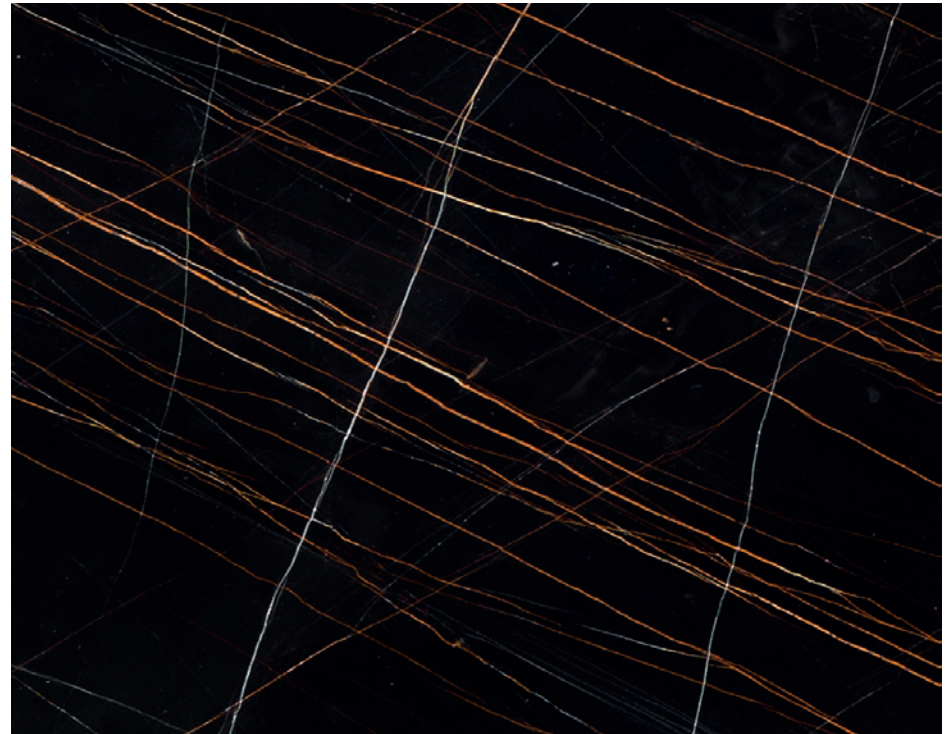
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Travertino

Travertino is an Italian durable and compact natural stone. Specifically, travertine is a chemical sedimentary rock consisting mainly of calcium carbonate minerals. It can vary in colour from beige to ochre and may have gray veins. Table tops are grouted to make the surface more uniform. Kindly note that travertine is extremely natural and variable.

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Grey Stone

Grey Stone is an Iraqi marble.

Technically it is a grey calcite marble with a uniform and compact appearance. Its colours derive mainly from the presence of elements such as carbon and graphite.

Depending on the quarry from which it is extracted, the base colour of the Grey Stone marble can range from dove-grey to anthracite grey, while the thin white veins and some slate-coloured glazes remain constant, giving brightness and movement to the whole.

Grey Stone marble can present tiny superficial imperfections that cannot be considered a defect in any way, but are characteristic of this marble and, despite the treatments with resin, in some cases even imperceptible to the touch, they remain slightly open due to their earthiness.

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Superficial
imperfection detail

Pietra di Brera

Bera Stone is an Italian compact natural stone.

The Brera stone is a particular kind of compact (pure) micritic limestone, of beige colour, extracted from the Botticino quarries.

The extreme compactness, the porosity and the low absorption values make it a kind of marble suitable for any use.

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Pietra Serena

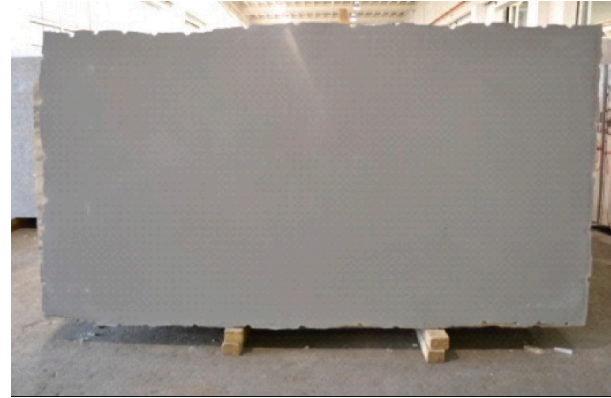
Serena Stone is an Italian compact natural stone.

It hasn't got any holes and micro-cracks, the interstitium between the grains are completely filled with the fine crystalline component and with the carbonatic cement.

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