# **QUARTZITES**





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Quartzites are natural materials formed by a process of metamorphosis of sandstone. Sandstone is a sedimentary rock composed of mineral granules, with the average size of sand, cemented by silica. Quartz is the most common and abundant mineral in sandstones.

Stressed by the incandescent magma below, the tectonic plates that form the earth's crust collide with each other, bending, buckling and forming mountains that contain sandstone.

As sandstone lies beneath the earth's crust, due to the effect of pressure and heat experienced during various geological periods, it transforms (metamorphosis) by recrystallising sand grains and the silica cement that binds them, resulting in an agglomerate comprising highly resistant quartz grains.

Natural quartzites are therefore formed by the action of extremely high temperatures, which turn sand and other minerals of various colours into a semi-liquid mass, and strong pressures that determine the typical striations in these rocks. This natural stone varies in quality, differing in colour and composition depending on its place of origin. The most common colours range from translucent white to beige, from yellow to brown, pink to red, and light blue to green.

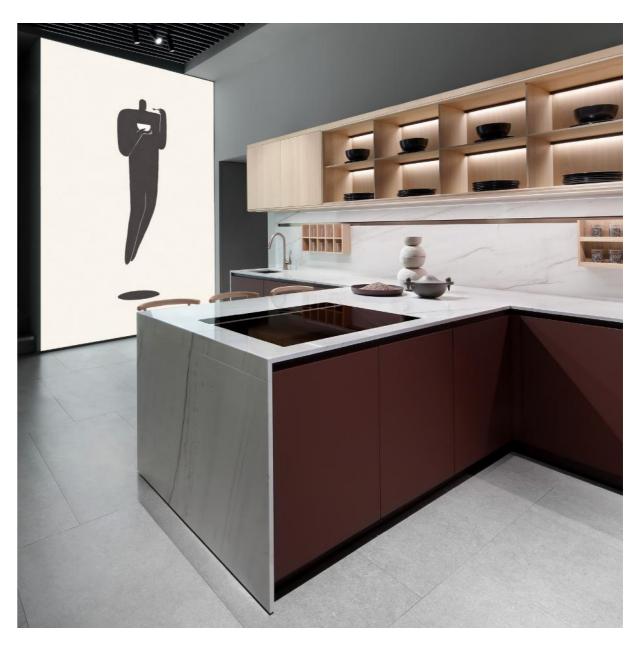
As quartzites are extremely resistant to high temperatures, changes in temperature, frost and chemicals, they are perfectly suited to indoor and outdoor contexts, for flooring and cladding. With these technical features, their aesthetic uniqueness and extremely easy maintenance and cleaning, quartzites are regarded as one of the most suitable natural materials for elegant contemporary contexts.



SOFT QUARTZITE SUPERWHITE island / kitchen top / backsplash

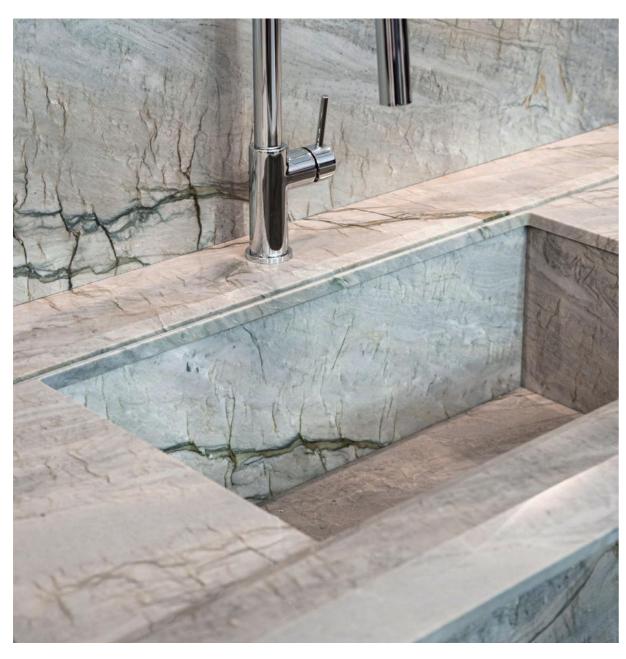
Courtesy of Arclinea





QUARTZITE MONT BLANC island / kitchen top / backsplash / leg panel

Courtesy of Arclinea



QUARTZITE ELEGANT GREY kitchen top / backsplash / built in sink







QUARTZITE BRONZITE kitchen top / backsplash / built in sink



QUARTZITE TROPICAL STORM



QUARTZITE ELEGANT GREY



QUARTZITE BRECCIA IMPERIALE



SOFT QUARTZITE (DOLOMITE) SUPERWHITE







QUARTZITE GREEN MARQUISE



QUARTZITE TAJ MAHAL



QUARTZITE AVOCATUS







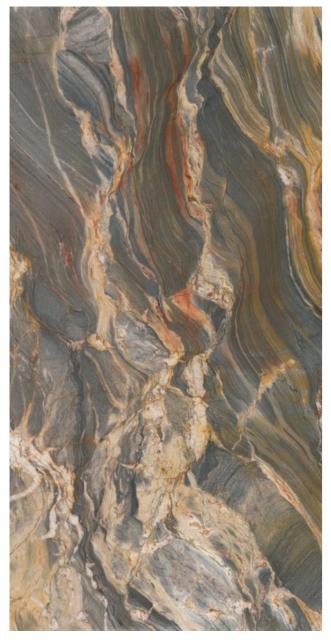
QUARTZITE EXPLOSION



QUARTZITE COSMOPOLITAN



SOFT QUARTZITE (DOLOMITE) CALA GOLD



QUARTZITE EXPLOSION EXTRA



QUARTZITE BRONZITE



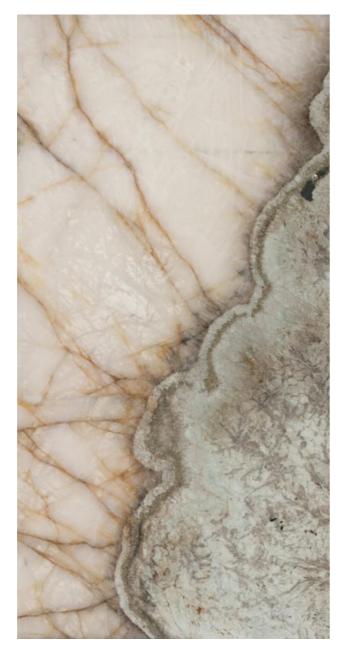
QUARTZITE CRISTALLO



QUARTZITE CRISTALLO ANTIQUE







QUARTZITE PATAGONIA VITRUM



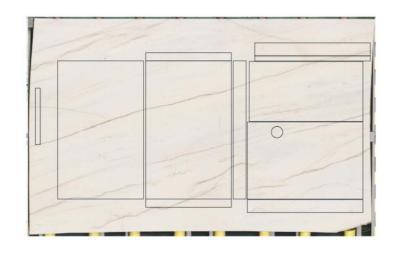
QUARTZITE BOTANIC WAVE

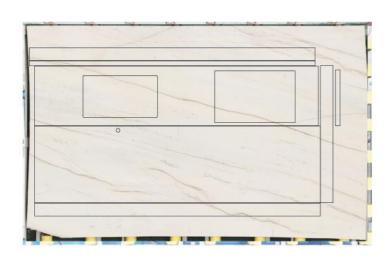


QUARTZITE AMAZZONITE

## **EXAMPLE OF NESTING**

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Positioning on the photo of the slab of all the elements that form the island cladding.



Left axonometric view of the island.



Right axonometric view of the island.

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## **EXAMPLE OF NESTING**

## **CLEANING AND MAINTENANCE**



Front axonometric view of the island.



Rear axonometric view of the island.

Quartzite is a hard, resistant stone that does not require any particular effort.

For daily cleaning, we recommend diluting one tablespoon of denatured alcohol in one litre of water, dip a microfibre cloth in the solution and wipe the surface.

In case of stubborn grease stains, these can be treated with a universal degreaser. Spray it on the stain, leave it to act for a few minutes, rinse it off and then wipe the surface with a dry microfibre cloth.

For stains caused by mineral substances, such as limescale, common white vinegar can be used to dissolve and remove them.

After each cleaning operation, it is good practice to rinse well with a damp cloth and dry the surface to avoid the formation of halos

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