



PaperStone[®]

The Earth's Surface[™]

Let's Green your Projects[™]



What is PaperStone®

PaperStone® is made with 100% recycled paper* saturated in a patented resin called PetroFree™.

Its unique beauty, functionality and reliability make it an exceptional alternative to traditional composite surfaces. The use of natural pigments in place of traditional colorants ensures better resistance to UV light, stable colors and distribution of the color throughout the entire panel.

PaperStone® is certified according to the standards Forest Stewardship Council®** in the scope of the Smartwood Program*** of the Rainforest Alliance®.

Phenol resins and composite paper materials have long been known for their resistance to tension, compression, impact and bending. They have excellent durability, resistance to abrasion, are basically water-repellent and indicated for applications that require high flame resistance.

PaperStone® is certified Class A (ASTM E84).



PaperStone®
Cabernet and
Denim



More PaperStone® advantages

- It is easy to mill and is perforated for mechanical fasteners
- Structural rigidity and solidity in horizontal and vertical applications
- High flexibility in processes using traditional carpentry tools
- Possibility to create border details using traditional carpentry tools
- Correctly performed joints remain perfectly matched and practically invisible.

Simple installation makes PaperStone® a natural choice

The PaperStone® price point is comparable to the best "solid surfaces" and high-quality granite.

Easy processing and finishing of PaperStone® in many cases generate savings in installation costs, reducing price estimates for projects that require installation. To enhance the beauty of PaperStone®, we recommend applying Osmo® Top Oil protective oil on the surface.

New generation ecological surfaces



PaperStone®

Eco-sustainability is a trend.

When materials are produced based on this principle, the ecological idea becomes a natural choice. This translates into attributing importance to clean air and water, and responsible management of resources.

Choosing ecological products means living, working, learning and playing in a healthier world.

PaperStone® is committed to producing "green" evolved materials that contribute to an ecological, holistic life style, therefore intelligent, modern and responsible materials.

PaperStone® is not only a new and beautiful material produced in a socially responsible way, but is also strong and resistant.

It is as resistant as steel, as beautiful as stone, but can be processed like wood.

PaperStone® is innovative and has a competitive price point. It is an attractive composite material, suitable for heavy loads, known for its eco-sustainability, its modern aesthetics and warm feeling to the touch.

PaperStone® is durable and highly recommended for residential kitchens, bathrooms and many other commercial applications.

PaperStone®, thanks to EC1935 and NSF® certifications, is an ideal surface for food preparation in restaurants.



* The Leather finish is currently not produced using recycled paper.

**note = wood sourced from responsibly managed forests.

*** ndt = global certification program for the conservation of tropical forests.

† = certification performed on "Slate".



The Earth's Surface™



KITCHEN

Catalogo

Slow Food, Organic Foods, Vegan Cooking.

New cultures have recently taken hold, transporting our tastes towards new food trends that were hard to imagine only a few years ago.

PaperStone® also represents its own cultural revolution, because it is a material created exclusively with ecological raw materials, including FSC® certified paper and cardboard, through advanced technologies that use natural resins derived from natural products.

It is produced by saturating recycled paper and cardboard with a natural resin obtained by "juicing" cashew shells, given the name PetroFree™ since it is not derived from petroleum or petroleum waste products. The final result is a material with a natural appearance, warm to the touch, easy to clean and impeccable from a hygiene standpoint.

This is why **PaperStone®** is best described with only two words: "Nature & Technology".

PaperStone® the new way of interpreting the environment and kitchen culture.



BATHROOM

Catalogo

Nature, Wellness, Regeneration. There are few spaces in our homes that have changed this much over the last several years. The bathroom is now a space dedicated the ultimate intimate experience. The ideal environment that we imagine for the bathroom is pleasant and relaxing, with all the necessary comforts, characterized by materials that make us feel good. **PaperStone®**, with its natural appearance and soft to the touch quality is perfect for this space. Its colors in warm and natural tones offer another reason to choose PaperStone, for a relaxing and pleasant atmosphere. Furthermore, its resistance to superficial stains and scratches makes it the ideal material, practical and hygienic.



FURNISHINGS

Catalogo

Over the course of recent years the concept of green building has radically transformed the philosophy and design behind construction. New residential buildings sell the concept of "energy class" as a primary factor in the selection of a modern and efficient residence.

The same principle can also be applied to the materials used for the interior furnishings; also in this case the trend is to produce and use furnishings without formaldehyde, or even better, with totally eco-sustainable materials. Today this new culture more and more diffused and in rapid expansion.

PaperStone® fully represents this new cultural model, thanks to its particular features.

Only ecological and recycled materials are used to produce it, including FSC® certified paper and cardboard saturated with a natural resin obtained by "juicing" cashew shells, known as PetroFree™, which in contrast to traditional resins is not derived from petroleum products.

The result is a unique, high-performing, natural and responsible material that fully respects the environment. For residential furnishings it offers its best aesthetic and technical features, with resistance to high temperatures and accidental impacts. It is totally water repellent and hygienic (European certification as suitable for contact with foods).

PaperStone®, a technical and ecological choice at the same time.



ITEMS

Catalogo

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RESTAURANTS

Catalogo

Slow Food, Organic Foods, Vegan Cooking.

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It is produced by saturating recycled paper and cardboard with a natural resin obtained by "juicing" cashew shells, given the name PetroFree™, since it is not derived from petroleum or petroleum waste products. The final result is a material with a natural appearance, warm to the touch, easy to clean and impeccable from a hygiene standpoint.

This is why **PaperStone®** is best described with only two words: "Nature & Technology".

PaperStone® the new way of interpreting the environment and kitchen culture.

For commercial furnishings, it offers its best aesthetic and technical features. Resistant to high temperatures, to impacts, and humidity, and hygienic (European certification for contact with foods).

Thanks to its composition using recycled raw materials and natural resins, it is the best technical and ecological choice at the same time



PUBLIC SPACES

Catalogo

Over the last several years, the creation of spaces destined for public and commercial use is no longer only a planning issue, but above all a communication issue.

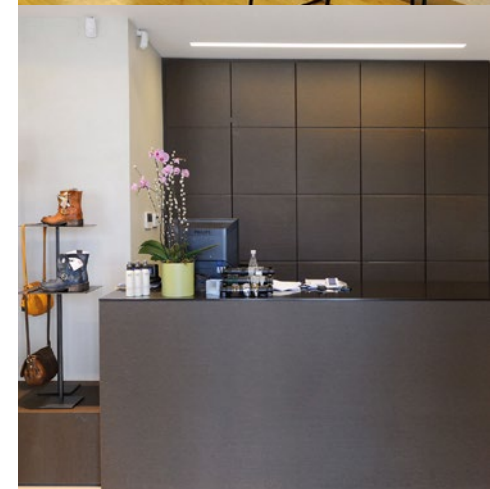
Each single project is therefore strongly characterized by two main aspects: the first is linked to management of the space, and the second is generally motivated by the communication of the project and consequence of the selection of materials used to create it.

Communicating through the use of eco-sustainable materials derived from recycled raw materials is more common than ever today and rapidly expanding.

PaperStone®, thanks to its composition, perfectly responds to these new demands.

It is a new generation material, and only ecological and recycled materials are used to produce it, including FSC® certified paper and cardboard saturated with a natural resin obtained by "juicing" cashew shells, known as PetroFree™, which in contrast to traditional resins is not derived from petroleum products.

The result is a unique, high-performing, natural and responsible material that fully respects the environment. **PaperStone®**, a technological and ecological choice at the same time.



PUBLIC BATHROOMS

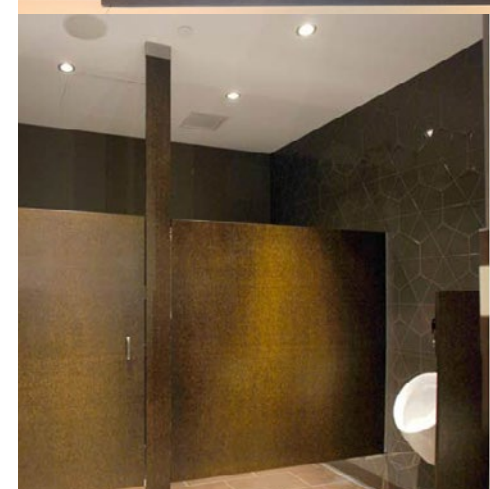
Catalogo

The features and productive flexibility of **PaperStone®** offer a practically unlimited range of uses to designers and planners.

Another example is use as dividing partitions in public bathrooms with typical hanging doors. Thanks to its high-density construction, it is not susceptible to wear over long periods in humid environments.

Tests performed by independent laboratories confirmed its extraordinary resistance to impact (up to 10,000 kg) without showing any kind of damage.

This makes **PaperStone®** especially suited for use in areas exposed to high risk of vandalism



CHEMICAL LABORATORIES

Catalogo

PaperStone® is not only a beautiful, natural material, but also a technologically advanced material.

In applications where high performance is essential, it reveals its finest technical and professional features. For laboratory surfaces that require functionality, resistance to wear, humidity and high temperatures (up to 180°); **PaperStone®** is the natural choice.



WHY PaperStone®

RESISTANCE

PaperStone® is also used for producing furnishings and household items that are particularly resistant to accidental scratches and abrasion in frequently used areas. It will not peel apart, it easily supports stress from daily use and also resists high temperatures. No superficial changes have ever been recorded at temperatures up to 180 degrees centigrade. More information is available on the website **PaperStone®**.

HYGIENIC

PaperStone® is non-porous, compact through its entire thickness*, and can be installed with virtually invisible joints. **PaperStone®** surfaces are not subject to proliferation of bacteria and fungi. It is also certified as a surface suitable for contact with and preparation of foods by the American certifying body NSF® and according to European standard EC 1935.

*except "Design Collection range"

REPAIRABLE

PaperStone® can be repaired, as well as easily cleaned and maintained over time thanks to the use of Osmo® Top Oil, a protective oil that restores the surface, also giving it a protective coating that facilitates cleaning and hygiene in areas destined for restaurant use and food preparation. Damages caused by improper use can also be easily repaired directly on-site. In extreme cases it is also possible to perform a total restoration of the entire surface.

NONTOXIC

PaperStone® was tested and certified as a totally ecological, nontoxic material without any emissions of VOC (Volatile Organic Compounds). Thanks to these characteristics, it is used in public areas to cover large surfaces and for work counters in hospitals and chemical laboratories.

SOLID COLOR

The coloring for each single slab of **PaperStone®** does not stop at the surface, but permeates the entire thickness of the material, permitting total restoration of damaged surfaces when necessary.

VIRTUALLY INVISIBLE JOINTS

The possibility to create virtually invisible joints and continuous surfaces makes it ideal for creating complex projects with limitless design options. Very long counters can be produced in the laboratory and transported to the destination, installed and assembled to create a continuous surface. The edges can be designed to give the piece a thicker appearance in respect to the actual depth used to build the counter (single unit borders), an ever more sought-after feature in Solid Surfaces.

PROCESSED LIKE WOOD

PaperStone® can be processed just like wood using the same traditional tools. Authorized **PaperStone®** transformed laboratories are fabricators or NCN are primarily woodworking carpentry businesses, specialized and equipped for this new material.

WARM NATURAL COLORS

The colors of **PaperStone®** give spaces a natural, harmonious effect, typical of materials taken from nature. This is the result of a surface specifically designed and created using only natural products, including recycled paper and cardboard with natural resins.

ECOLOGICAL

PaperStone® is among the most ecological products available on the market today for producing furnishings and furniture, and more generally for interiors.

We recommend that you request specific documentation for your needs, and we will be happy to discuss your specific requirements with regard to **PaperStone®**.

 **PaperStone®**
The Earth's Surface™

