



# PaperStone®

Authentically green.  
Genuinely affordable.



The Countertop with a Conscience™

## Sustainability is mainstream



When materials are made with this principle in mind, an earth-friendly idea becomes a natural choice. As a value it means clean air, water and responsible resource management. Choosing

green products means living, working, learning and playing in a healthier world. PaperStone® is committed to innovative green products that contribute to an eco-friendly, holistic lifestyle that is smart, elegant and responsible.

PaperStone® is not just an attractive new material that is produced in a socially responsible manner. It is also strong and tough. It has steel-like strength in span, stone-like beauty and it can be worked like fine hardwoods.

PaperStone® is innovative and cost competitive. It is a beautiful, heavy-duty composite known for its environmental sustainability, its contemporary appearance and its remarkable warmth to touch. PaperStone® is durable and recommended for residential kitchens, baths and many commercial uses. PaperStone® is NSF certified and is excellent as a restaurant food preparation surface.



[paperstoneproducts.com](http://paperstoneproducts.com)

# The **greenest** architectural surface on the planet.

PaperStone® is made from 100% post-consumer recycled paper† and our proprietary PetroFree™ phenolic resins. Its unique beauty, functionality and reliability offers an exciting alternative to more traditional solid surfaces. Using pigments rather than dyes assures superior color stability and UV resistance as well as even color distribution throughout the entire panel. PaperStone® is certified to Forest Stewardship Council standards by the Smartwood program of the Rainforest Alliance.

Phenolic resin and paper composites have long been known to have superior tensile, compression, impact and flexural strengths. They are long lasting, abrasion resistant, absorb virtually no water and are the products of choice in applications requiring high fire resistance. PaperStone® has a Class A fire rating.

#### **Additional PaperStone® advantages**

- Mechanical attachments stay secure
- Remains structurally rigid and sound in both vertical and horizontal applications

- Can be fabricated and installed using traditional woodworking tools with high quality carbide-tipped blades
- Creative edge details can be achieved with traditional tooling
- Properly bonded seams remain tight and inconspicuous



#### **Installation efficiencies help make PaperStone® the natural choice**

PaperStone's pricing is comparable to quality granite, brand name solid surface or engineered quartz materials. The ease and efficiency of PaperStone's fabrication and finish often saves on installation costs, making installed project pricing lower.

To enhance the rich luster of PaperStone®, we recommend PaperStone® Finish or other high quality finishes for hardwood.

PaperStone is the countertop with a conscience.™

† Leather is not currently made with recycled paper.



# Authentically green. Genuinely affordable.



## Eco-friendly built-up edge and full-thickness countertops...

PaperStone® can be installed as full thickness panels or—because of its superior strength—as thinner panels with a built-up edge. Using a certified PaperStone® fabricator can bring genuine affordability to an already authentically green product and the peace of mind of our Residential Lifetime Limited Warranty.

## and a lot more!

PaperStone® is ideal for countertops in any room, restaurant food prep surfaces, conference tabletops, signs and plaques, window sills, cutting boards, cutlery handles, furniture, restroom partitions, cabinets, indoor and outdoor (RainStone™) wall cladding, and many more creative uses.

PaperStone® is easily worked with CNC-routers to produce signs and other products containing intricately detailed architectural components.

Working with PaperStone® is much like working with fine hardwoods.

Experienced woodworkers with carbide-tipped woodworking tools can even install PaperStone® themselves.



PHOTO: BRUCE DAMONITE



## A natural product...

As a natural product, PaperStone® may reflect variations inherent in the natural source materials used to manufacture it. As a result, actual product appearance may vary slightly from samples and lot to lot.

### Extremely strong and durable

- Long lasting lifetime product with superior scratch, dent and chip resistance.
- Superior strength allows innovative cantilevered designs, up to 18" unsupported overhang with 3/4-inch material.

### Warm appearance, stain resistant, UV stable

- Natural earth-tone colors offer a warm ambience to any room.
- Non-porous surface provides a lifetime of stain resistance.
- Excellent color stability, resists the effects of exposure to ultraviolet rays.

### Easy fabrication and installation

- Installed with the same carbide-tipped tools and techniques used in working with fine hardwoods.

### Easy to clean, safe, no radon emissions

- Washes clean with sponge and dishwashing liquid.
- With proper cleaning, does not promote growth of bacteria, mold or mildew.

### Heat resistant

- Heat resistant up to 350° F (175° C); use of a trivet or hot pad is recommended.

### Residential Lifetime Limited Warranty

- When installed by a certified PaperStone® fabricator, our Residential Lifetime Limited Warranty means you can relax and enjoy PaperStone® for as long as you own your home.



Available in nine earthtones

- (from top)
- CABERNET
  - CHOCOLATE
  - DENIM
  - EVERGREEN
  - GUNMETAL
  - LEATHER †
  - MOCHA
  - SIENNA
  - SLATE



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Visit [PaperStoneProducts.com](http://PaperStoneProducts.com) for more information about our certified fabricators and DIY channel partners.

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## Environmental impact statistics

Depending on the project, using PaperStone® may contribute toward five LEED points in the categories of Materials and Resources, Indoor Environmental Quality and Innovation and Design.

PaperStone® is made from 100% post-consumer recycled paper and our proprietary PetroFree® phenolic resins. It has been thoroughly tested and certified as VOC-free, including formaldehyde, by the ASTM D5582 desiccant method test, the most demanding test available.

A 1" x 5' x 12' PaperStone® panel versus a traditional phenolic composite manufactured from virgin fiber and a commercially available resin saves: \*

1,233 gallons (4667.4 liters) of water • 2.03 million BTUs of energy • 131 lbs (59.4 kg) of solid waste  
254 lbs (115 kg) of greenhouse gases • 55 lbs (25 kg) of petroleum-based phenol

\* Data obtained by using an EPA energy use/savings calculator.

## PaperStone® specifications

Standard panel sizes	5' X 12' (1524 x 3657mm) 5' X 10' (1524 x 3048mm) 5' X 8' (1524 x 2438mm)
Standard thicknesses	1/4", 3/8", 1/2", 3/4", 1", 1 1/4" (6mm, 9mm, 13mm, 19mm, 25mm, 31mm)

Other panel thicknesses and sizes available by special order.  
Contact your distributor for details.

Water absorption (by weight)	0.82%
Density (g/cm <sup>3</sup> )	1.4 to 1.45%
Internal bond (psi)	1,225 lbs (555.65 kg)
Modulus of Rupture (flexibility)	
Face	24,320 psi
Edge	21,834 psi
Modulus of elasticity	
X direction	1,724.25 ksi
Y direction	1,666.58 ksi
Compressive strength	45,324 psi
Coefficient of thermal expansion	3.64
Izod impact strength	
Face	3.29
Edge	0.73
Hardness test Barcol meter	
(Barber Coleman)	47 avg

Light colors may darken slightly with UV exposure.



Supporting responsible use of forest resources



## ASTM E84 Fire Test results

Flamespread Index(20) Class A Rating Smoke  
Developed Index (110) Class A Rating



The Countertop with a Conscience™

Manufactured in Hoquiam, Washington, USA at the edge of the Olympic Rainforest since 2004. PaperStone is a beautifully finished, earth-friendly, sustainable composite surface.

Sustainable Composite Surfaces by



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**PaperStoneProducts.com**

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