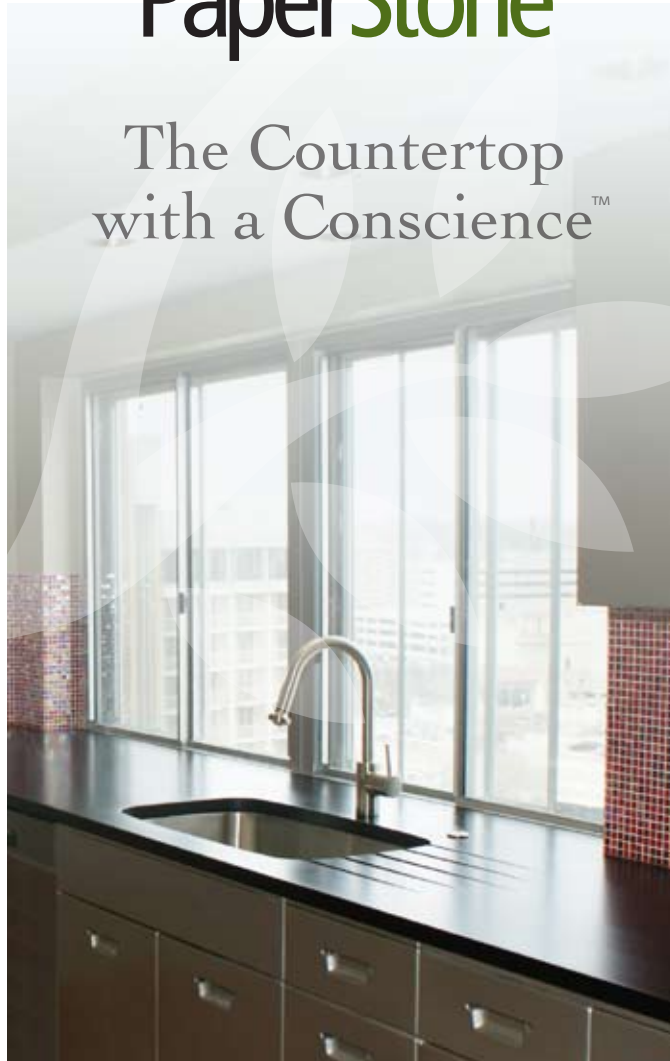




# PaperStone<sup>®</sup>

The Countertop  
with a Conscience<sup>™</sup>



Sustainable Composite Surfaces

# 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 UV resistance, color stability and even distribution of color 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 very 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 nearly invisible



*PaperStone  
Cabernet and Denim*

#### **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 hardwood finishes.

PaperStone is the countertop with a conscience.™



# Sustainability is mainstream...



a very powerful concept.

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)

# Strength of steel. Beauty of stone. Warmth of wood.

UNIQUELY GREEN QUALITIES MAKE PAPERSTONE® THE NATURAL CHOICE



PaperStone in luscious Cabernet.

## Extremely strong and durable

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

## Warm appearance, stain resistant, UV stable

- Natural earth-tone colors are soft to the touch and offer a warm, distinctive 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

- Can be 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.

## 15-Year Limited Warranty

- PaperStone has a 15-Year Limited Warranty so you can relax while enjoying it for years to come.

## Eco-friendly countertops and so much 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 workable with CNC-routers to produce signs and other products with intricately detailed architectural components.



Cooking utensils made from PaperStone.



< Privacy doors, dividers and frames in Mocha.



Countertops in refreshing Evergreen.



ClimateWorks Foundation, San Francisco, features a LEED Platinum interior. This conference and reception area view shows an impressive conference table featuring a PaperStone top. PHOTO: BRUCE DAMONTE



The Countertop with a Conscience™



Gorgeous bathroom countertops in Slate.

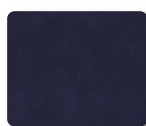
Available in these rich, earthtones...



Cabernet



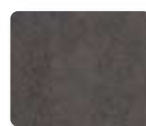
Chocolate



Denim



Evergreen



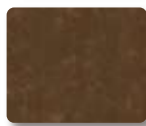
Gunmetal



Leather\*



Mocha



Sienna



Slate



Ultra sleek Bazzo kitchen with Slate PaperStone countertops.



PaperStone > allows virtually unlimited edge profiles.

\* Leather is not currently made with recycled paper.

## Environmental impact statistics

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

PaperStone has been thoroughly tested and certified as VOC-free, including formaldehyde, by the 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

## 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.



This label certifies that PaperStone is an FSC™ recycled product.



## ASTM E84 Fire Test results

Flamespread Index(20) Class A Rating Smoke  
Developed Index (10) Class A Rating



# PaperStone®

The Countertop with a Conscience™

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

Sustainable Composite Surfaces by

Paneltech Products, Inc.

2999 John Stevens Way | Hoquiam, WA 98550

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

360.538.9815

\* Data obtained by using an EPA energy usesavings calculator. Calculator and user guides are available online at: <http://yosemite.epa.gov/eair/globalwarming.nsf/content/ActionsWasteToolsRecon.html>

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