
Eco-Screen™
Privacy screens
made of
Sustainable
solid surface.

It's Tough. It's GREEN. It's the only *PaperStone®* Privacy Screen.

PaperStone® is a sustainable material from source to manufacture and distribution. Using PaperStone® can contribute to California Collaborative for High Performance Schools (CHPS) and LEED certification points for:

- *Recycled content*
- *Materials manufactured locally or regionally*
- *Certified wood materials*
- *Materials that emit low or no volatile organic compounds.*

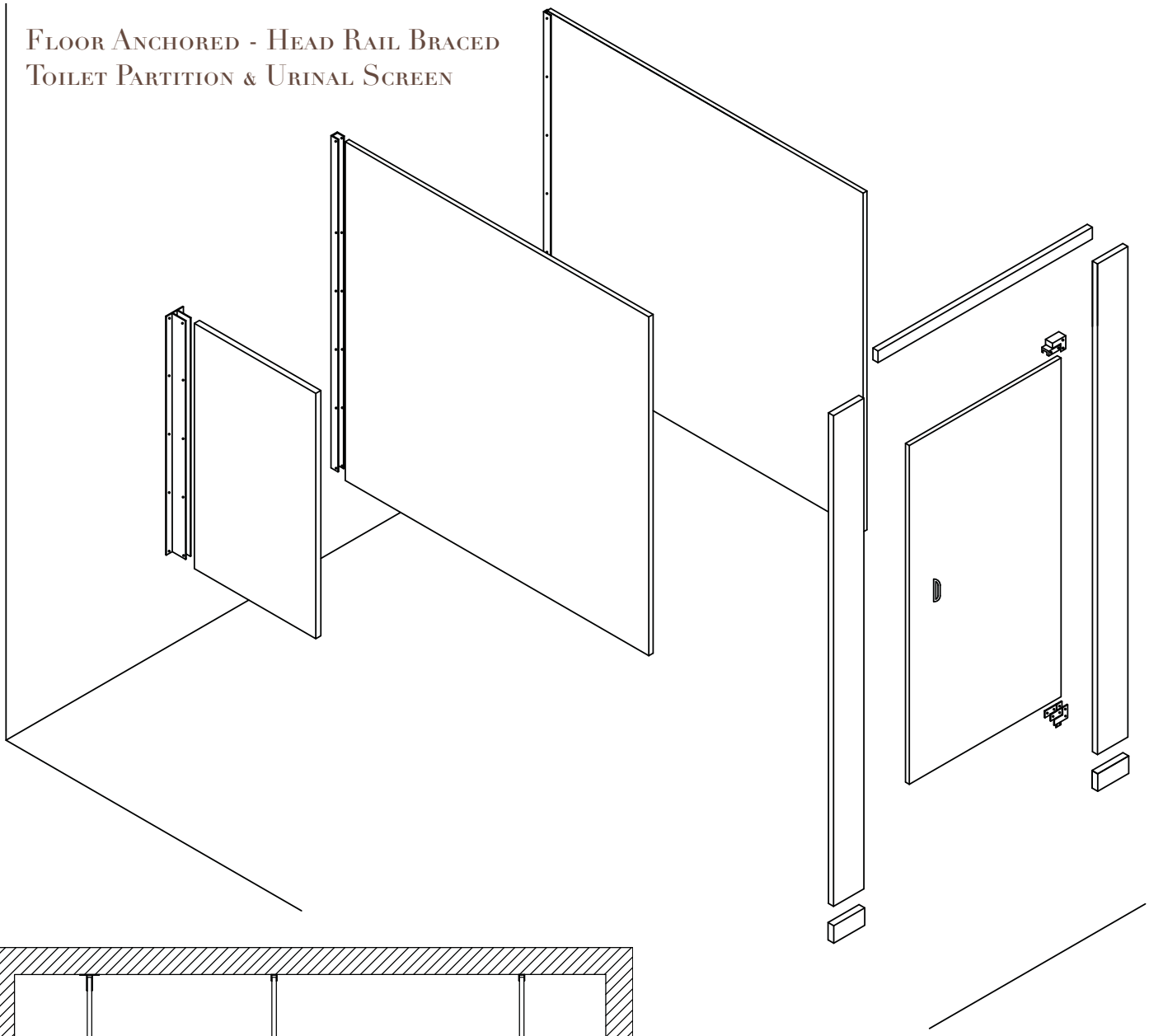
Surfaces Group, LLC is proud to announce the first sustainable privacy screen constructed of PaperStone®. Eco-Screen™ made with PaperStone® is available in a variety of exciting colors. Experience its low luster, finger-pleasing warm texture and its remarkable resistance to graffiti, impact, mildew and bacteria. It has all the performance positives of a natural phenolic resin and freedom from petrochemicals. It is ideal for restroom partitions.

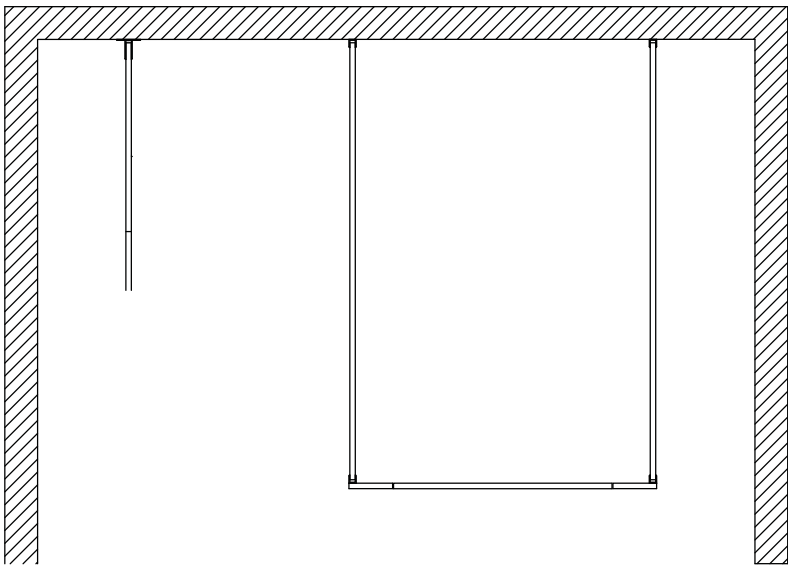
Eco-Screen™ will look great for years to come as the surface is easily maintained and is covered by the manufacturer's fifteen year warranty.

Eco-Screen™ ensures long service life with PaperStone® and our proprietary bullet-proof *(meaning kidproof and vandal hardened)* hardware components. With Eco-Screen™ you can reach far beyond conventional square and rectangular forms. Go ahead and add contours, colors or inlays to the design. Incorporate Eco-Screen as lavatory furniture that makes restroom design equal to the rest of the design and provides more than simple privacy.

IBM Building - Dubuque, IA

Floor Anchored - Head Rail Braced Toilet Partition & Urinal Screen

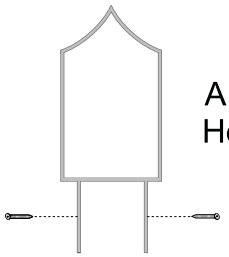




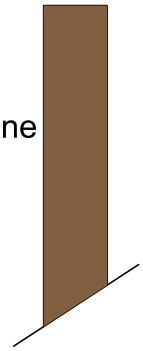
Top View

Floor Anchored - Head Rail Braced Toilet Partition & Urinal Screen

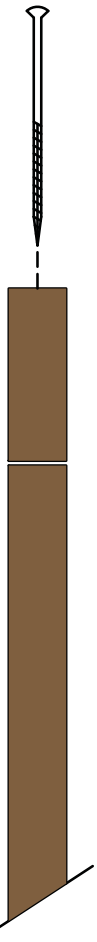
Eco-Screen™ Head Rails



Aluminum
Head Rail



PaperStone
Pilaster



PaperStone
Head Rail

PaperStone
Pilaster

- Standard system designed with aluminum head rails. PaperStone™ head rails are designed with *no* exposed hardware.

- Head rails can be specified in the following materials:

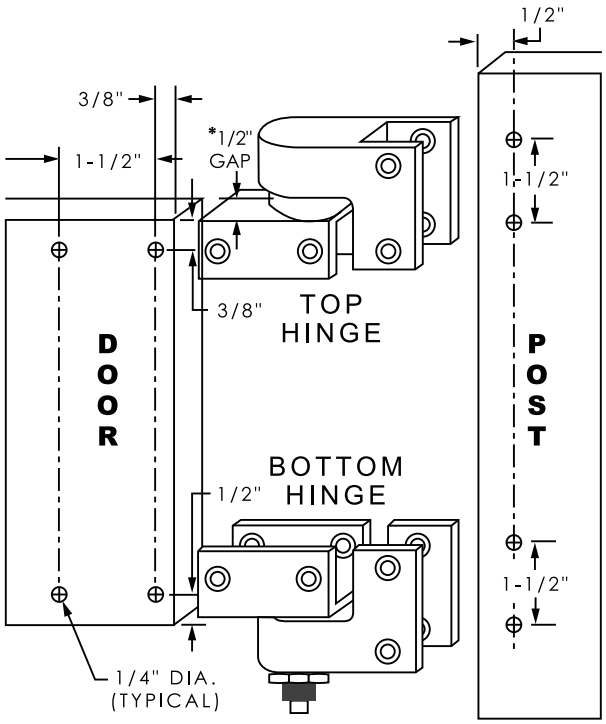
  · Extruded aluminum
  or
  · PaperStone™

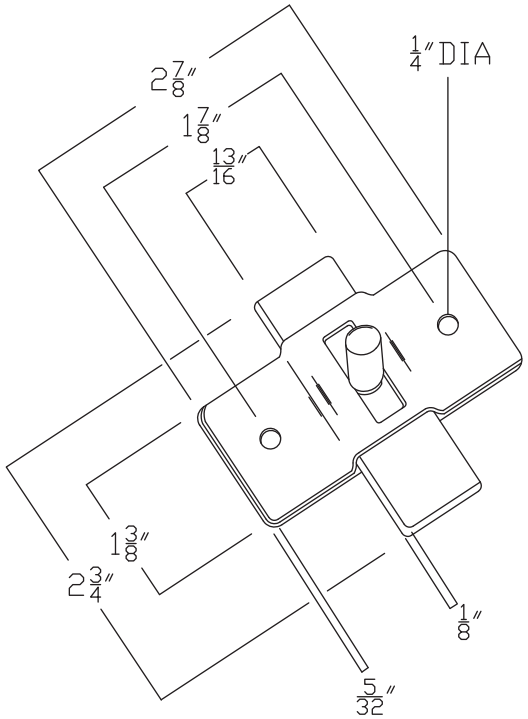
  And profiles:

  · PaperStone™ Straight
  or
  ·PaperStone™ Decorative

Eco-Screen™

Eco-Screen Hardware





- Eco-Screens come standard with state-of-the-art heavy duty hardware. The pivot hinge can be used for both in-swing and out-swing doors. Hinges may be adjusted so an unoccupied stall door will stand open to the degree specified.
- Eco-Screen mechanical fastener retention exceeds 4,000 lbs. each.

Eco-Screen™ Privacy Compartments

PAPERSTONE CARE AND MAINTENANCE INFORMATION

Sanding and Finishing

PaperStone comes with a natural finish on both sides. Exposure during shipping and handling may leave slight scratches. It is a natural product that unlike other solid surfaces that have been machined to very high tolerances, it may have small imperfections such as low and high areas. PaperStone is bonded sheets of paper and excessive sanding could wear through the topmost layer. For this reason we recommend that sanding and finishing be minimal.

Natural products possess inherent characteristics that may give them slight variations from panel to panel. A natural patina may emerge over time.

We have found that a satin sheen provides the most beautiful and easily maintained day-to-day surface. Sanding should start with an abrasive no coarser than a fiber abrasive pad such as a 3M Scotchbrite™ red or grey (Red = fine; Grey = superfine). Place the abrasive pad on the surface and place the random orbit sander pad at the center. Buff the entire surface until a uniform sheen is achieved. Wipe thoroughly with a damp cloth to remove dust and loose particles.

If machining marks exist on cut edges, a belt sander with 80 grit sandpaper may be used as a first step finishing with 180 grit sandpaper. When finishing Obsidian or Slate, sanding may begin with 180 grit sandpaper and finished with the fiber abrasive pad.

A final treatment of PaperStone Finish is recommended despite its extremely low porosity. It is an all-natural, eco-friendly and sustainable product. All of the ingredients are natural and food safe.

Directions for Use:

To use PaperStone Finish, place the bottle under a stream of warm water to make the fluid mix and flow more easily. Apply a thin coat to the surface with a soft cloth. Let it stand for 20 minutes and then wipe off any excess. Finish up using a clean, soft cloth to give an even, rich luster. For best results, do not use finished area for at least 12 hours so that the finish can harden.

Eco-Screen™

PaperStone Finish

PaperStone Finish is made entirely from natural waxes (bee and carnauba) and vegetable products (soybean oil). All of the ingredients are natural and food safe. Waxes and soybean oil are used in cooking all the time Carnauba wax is a resin produced by the wax palm tree Copernicia Cerifera. This tree grows in various parts of South America. However, only the trees in the Northeastern tropical rain forests of Brazil produce the premium quality wax. It is produced by the tropical carnauba tree as protection from the incredibly harsh conditions of the tropical rain forest - intense heat, harsh equatorial sun and constant moisture and humidity. Any surface coated with carnauba wax will be similarly protected. Carnauba has a very strong grain structure and is the hardest wax known to man. In addition to being incredibly durable, carnauba dries to a deep, natural shine.
In contrast, bees wax, paraffin and many synthetic waxes tend to cloud and occlude.

PaperStone Finish is recommended for all food service related applications. PaperStone Finish will help to preserve UV protection for exterior applications.

PaperStone Finish is an all-natural preserver that rejuvenates and protects your composites, also ideal for all natural wood grains. Contains only food-safe ingredients.
It is made in the USA.

A twelve ounce bottle of PaperStone finish will cover approximately 120 to 150 square feet.

PaperStone™

PaperStone™

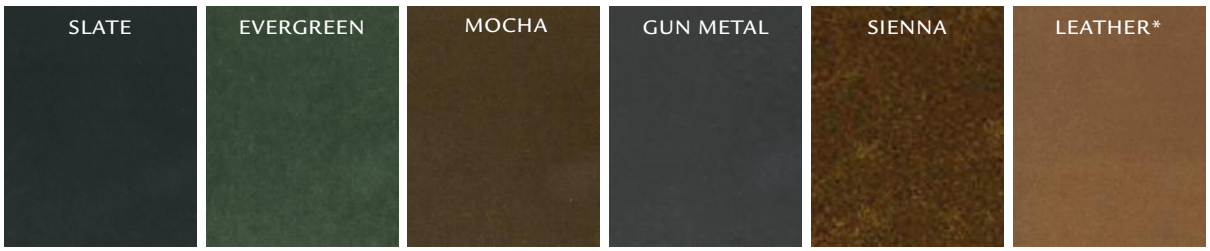
PERFORMANCE

PaperStone is a high performance surface backed by a 15 YEAR WARRANTY. It has these key characteristics:

- Extremely high impact resistance rated at 45,000 psi in direct force.
- Stain, and heat resistance comparable to high-end natural and man-made materials make it suitable for a wide range of applications in health care and foodservice.
- Excellent dimensional stability which allows for the use of PaperStone in structural applications.
- Class A Rating *(ASTM E84)* for both Flamespread and Smoke Development.
- UV Stability. Darker colors are very UV stable. Lighter colors can be expected to experience shifts due to UV exposure. These variations can be subtle or dramatic depending on conditions, much the same way natural hardwoods like cherry will change over time.
- Paperstone is a color-through material and ***will not*** scratch white.
- Minor scratches and most stubborn stains can be removed with a ScotchBrite Pad or very light sanding followed by use of PaperStone Finish.

COLORS – PaperStone is available in sophisticated designer colors in two series. Because it is a natural material, color variations may be expected.

· **Standard Order.**



*Virgin Paper

· **Special Order.**

PaperStone®
LEED Certification Information

PaperStone® is an architectural composite material made from 100% post-consumer recycled paper that is certified to Forest Stewardship Council standards by the Smartwood program of The Rainforest Alliance. Accordingly, PaperStone® plays a role in enabling a building project to acquire Leadership in Energy and Environmental Design (LEED) points toward certification.

The LEED Green Building Rating System®, developed by the U.S. Green Building Council under contract with the U.S. Department of Energy, is a voluntary standard for developing environmentally responsible, low emission, high-performance, sustainable buildings. LEED certification is for the entire construction project; materials and products used in buildings are not individually certified. Through a rigorous process of third-party verification by the Green Building Certification Institute (GBCI) the project earns "points" toward achieving a level of certification (Certified, Silver, Gold or Platinum).

Use of PaperStone® can contribute to the accumulation of LEED points in selected credit categories of Materials and Resources, Indoor Environmental Quality and Innovation in Design as follows:

Ceiling hung decorative curved panels at Three Rivers Park in Shakopee, Minnesota, featuring PaperStone® Mocha.
PHOTO: EASEL ADVERTISING & DESIGN

Materials and Resources Recycled Content: LEED 2009 awards points for the use of products that contain recycled materials. Credit levels have specific thresholds for the required percentages of post-consumer recycled material or pre-consumer recycled material. Paper made from 100% post-consumer waste is used to manufacture PaperStone® (except Leather).

Indoor Environmental Quality LEED 2009 may award a point if all composite wood and agrifiber products installed in the building interior contain no added urea-formaldehyde resins. Additionally, any laminating adhesives used for material installation may not contain added urea-formaldehyde resins. PaperStone® contains no added urea-formaldehyde resins and has been thoroughly tested and certified as VOC-free, including formaldehyde.

Innovation in Design Exemplary Performance: Under LEED 2009, additional points can be earned when credit level requirements for Recycled Content are exceeded.

Individual measurement systems have been developed to rate and certify various building types in the commercial, institutional and residential business sectors of the construction industry. As the LEED credit category terminology and point qualification process varies among different types of buildings, prospective users of PaperStone® should consult the relevant LEED rating system reference guide for the specific requirements to certify their construction project. A PaperStone® data sheet will be provided to support the LEED submittal process. Refer to the table on the reverse side for more details on how PaperStone® can assist a commercial, institutional or residential project in obtaining points toward certification.

PaperStone®

SURFACES GROUP, LLC

Eco-Screen™

092710

PaperStone® Contributions

toward achieving LEED Green Building Rating System® points

[Leadership in Energy and Environmental Design]

Credit Category	Intent	Qualification Requirements	Points Earned	PaperStone® Contribution
Reference: Green Building Design and Construction, 2009 Edition [Commercial and Institutional Buildings]				
MR Credit 4 Recycled Content	Increase demand for products that use recycled materials. Reduce impacts from the extraction and processing of virgin materials.	Use of recycled materials is at least **10%** of the total value of all project materials by cost. Calculation is based on the sum of post-consumer content + 1/2 pre-consumer content.	1	100% post-consumer recycled paper constitutes 55% of each PaperStone® composite panel by weight.*
OR . . .		... at least **20%** of the total value...	2	
IEQ Credit 4.4 Low-Emitting Materials — Composite Wood and Agrifiber Products	Reduce the quantity of indoor air contaminants that are odorous and/or unhealthy for installers and occupants.	All composite wood and agrifiber products installed in the building interior contain no added urea-formaldehyde resins. Additionally, any laminating adhesives used for material installation may not contain added urea-formaldehyde resins.	1	PaperStone® is a composite wood product that contains no added urea–formaldehyde resins and has been thoroughly tested and certified as VOC-free, including formaldehyde.
ID Credit 1 PATH 2 Exemplary Performance	Encourage strategies for performance that greatly exceeds credit category thresholds.	MR Credit 4: An Innovation in Design credit may be earned for exemplary performance by achieving a total recycled-content value of **30%** or more.	1	100% post-consumer recycled paper constitutes 55% of each PaperStone® composite panel by weight.*

Credit Category	Intent	Qualification Requirements	Points Earned	PaperStone® Contribution
Reference: LEED for Homes Reference Guide, 2009 Edition				
MR Credit 2.2 Environmentally Preferable Products — Recycled Content	Increase demand for environmentally preferable products containing recycled material. Reduce impacts from the extraction and processing of virgin materials.	Recycled products constitute at least **90%** of the specific building component by weight or volume (e.g., all countertop surfaces in the house) and recycled content products contain at least **25%** post-consumer recycled material or **50%** pre-consumer recycled material. Additionally, cabinet, counter and trim products may not contain any added urea-formaldehyde resins.	.5 per building component	100% post-consumer recycled paper constitutes 55% of each PaperStone® composite panel by weight.* And PaperStone® contains no added urea-formaldehyde resins.

PaperStone®

SG SURFACES GROUP, LLC

Eco-Screen™

092710