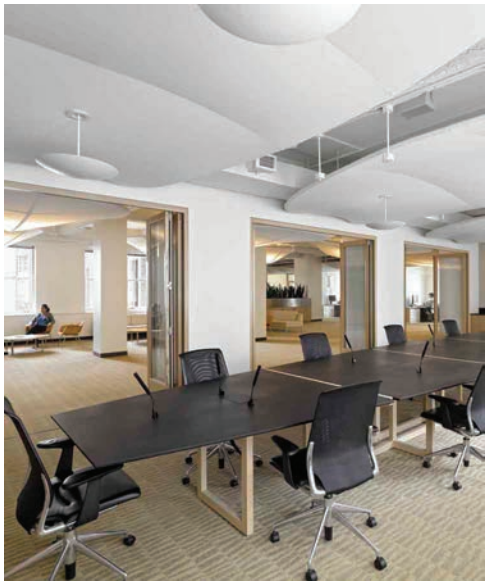
PaperStone®
LEED® Certification Information

Because PaperStone® is certified to Forest Stewardship Council standards by the Smartwood program of The Rainforest Alliance, specifying and using PaperStone® in a building project may help 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 particular level of certification (Certified, Silver, Gold or Platinum).

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



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

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 next page for more details on how PaperStone® can assist a commercial, institutional or residential project in obtaining points toward certification.

FSC www.fsc.org FSC® C013801 The mark of responsible forestry

091316

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.

* except Leather.

FSC www.fsc.org FSC® C013601 The mark of responsible forestry

091316

PaperStone®
The Countertop with a Conscience™

Easy on the Environment

A 1/2" by 5' by 12' (2.54 x 152.4 x 366 cm) slab of PaperStone® versus a traditional phenolic composite manufactured from virgin fiber and typical, commercially produced resin saves:

- 616.5 (2,333.7 liters) gallons of water
- 1,000,000 BTU's of energy
- 65.5 pounds (29.7 kg) of solid waste
- 127 pounds (57.6 kg) of greenhouse gases
- 27.5 pounds (12.5 kg) of petroleum-based phenol

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

Cape Flattery rocks and caves on the tip of Washington State. The northernmost point in the continental US.

Built-up Edge Installations Save on Material, Reduce Costs

Installation efficiencies help make PaperStone® a natural choice.

Because of PaperStone's superior strength it can be installed as thinner panels with a built-up edge. This not only saves on material, but also on cost.