

# EcoCycle



**PORCELAIN STONE.®**

# EcoCycle

EcoCycle



▲Photo info

School Floor – EC101 Wetlands 12" x 12", EC102 Marshland 12" x 12", EC104 Pine Barren 12" x 12"



▲Photo info

Floor – EC114 Grand Canyon 12" x 12"



▲Photo info

Floor – EC105 Night Air 12" x 12"

## Earth. Water. Fire.

*The basic elements of Crossville Porcelain Stone®.*

We depend on natural resources to create our award-winning products, and when we take from the Earth, we give back. Our wastewater policies adhere to the highest quality standards in the industry, and water used during our manufacturing processes is returned clean to its natural habitat. To minimize landfill deposits, we employ sophisticated dust collection systems and recycling processes to reclaim and reuse most of the unfired raw waste materials generated during manufacturing while maintaining the highest standards of quality for our products.



▲Photo info

Floor – EC101 Wetlands 12" x 12", EC104 Pine Barren 12" x 12", EC105 Night Air 12" x 12"

## What is Green Design?

According to the U.S. Green Building Council (USGBC), green design and construction practices are those that significantly reduce or eliminate the negative impact of buildings on the environment and occupants in five broad areas:

- Sustainable site planning
- Safeguarding water and water efficiency
- Energy efficiency and renewable energy
- Conservation of materials and resources
- Indoor environmental quality



Crossville, Inc. supports these benchmarks of green design and is proud to be a member of the USGBC.

## Leadership in Energy and Environmental Design - LEED

LEED® is a green building rating system developed by the USGBC for commercial and institutional new construction and major renovation. The program was designed to serve as a guide for building owners or project team members to improve environmental and economic performance of commercial buildings using established and advanced industry principles and materials.

The benefits of LEED certification include third party validation of achievement, qualification for a growing number of local and state government incentives, LEED certification plaque to display on building, as well as the positive economic impact over the lifecycle of the building. Research indicates that green design enhances the health and comfort of building occupants and may help improve productivity.



## EcoCycle by Crossville—Certified Green

The recycled content of all EcoCycle products has been verified by Scientific Certification Systems (SCS), an independent certifier of environmental claims. The eight products in the EcoCycle series have a certified recycled content of 40 percent. According to ISO 14021 on “Environmental Labels and Declarations” as well as the USGBC’s “LEED® 2.2 Rating System for New Construction,” pre-consumer recycled material is defined as material diverted from the waste stream during or from the manufacturing process. At Crossville, fine particulate waste material that was previously landfilled is now recovered through a sophisticated wastewater reclamation system.

During the certification assessment process, an engineer from SCS conducted an on-site audit, reviewed manufacturing data, observed the pre-manufacturing processes and documented the sourcing of raw materials and recycled content. That data was thoroughly analyzed before certification was awarded.



The LEED certification process includes evaluation in six categories, each of which contributes points toward certification, if all prerequisites within the category are met. A total of 69 points are possible.

Category	Possible Points
Sustainable Sites	14
Water Efficiency	5
Energy and Atmosphere	17
Materials and Resources	13
Indoor Environmental Quality	15
Innovation and Design	5

There are four levels of LEED certification:

Level	Possible Points
Certified Level	26-32
Silver Level	33-38
Gold Level	39-51
Platinum Level	52-69

Only projects are eligible for certification, not products or building materials. Use of products manufactured by Crossville contribute possible points in the Materials and Resources category, based on recycled material content, regional manufacturing location and regional raw material extraction sites. Regional manufacturing and extraction sites refer to a 500-mile proximity to the project being certified. Detailed locations and specific Material and Resource Credits that Crossville provides can be found at [www.crossvilleinc.com](http://www.crossvilleinc.com).

For more information on LEED, please visit the U.S. Green Building Council website at [www.usgbc.org](http://www.usgbc.org).

# Colors

EC114 Grand Canyon



12" x 12"

EC101 Wetlands



12" x 12"

EC102 Marshland



12" x 12"

EC103 Earth



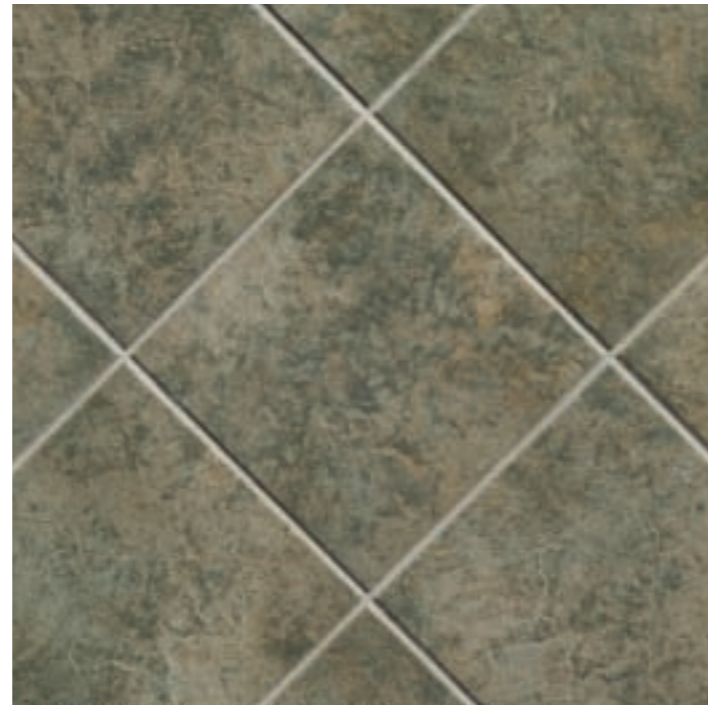
12" x 12"

EC116 Plymouth Rock



12" x 12"

EC104 Pine Barren



12" x 12"

EC105 Night Air



12" x 12"

EC001 Storm



8" x 8" Cross-Sheen

8" x 8" Cross-Tread

# EcoCycle

- 8 earth-toned colors
- Cost-effective and environmentally responsible
- Stone-look exudes a feeling of rustic elegance
- Ideal for all types of commercial and residential applications
- Contributes to the efforts of companies seeking LEED certification of new buildings and major renovations
- Available only from Crossville

## Sizes Available

Nominal Size	Actual Size	Metric (cm)	Thickness
8" x 8"	7-3/4" x 7-3/4"	19.6 x 19.6	5/16"
12" x 12"	11-3/4" x 11-3/4"	29.8 x 29.8	5/16"

\*EC001 only

## Trim Sizes

Nominal Size	Actual Size	Metric (cm)	Thickness
4" x 12" Single Bullnose	3-3/4" x 11-3/4"	9.5 x 29.8	5/16"
6" x 12" Cove Base	5-3/4" x 11-3/4"	14.6 x 29.8	5/16"



4" x 12" Single Bullnose



6" x 12" Cove Base

## Trim Sizes (EC001 only)

Nominal Size	Actual Size	Metric (cm)	Thickness
6" x 8" Cove Base	5-7/8" x 7-3/4"	14.9 x 19.7	5/16"
6" x 8" Cove Base Corner Left	5-7/8" x 7-3/4"	14.9 x 19.7	5/16"
6" x 8" Cove Base Corner Right	5-7/8" x 7-3/4"	14.9 x 19.7	5/16"
1" x 6" Cove Base Inside Corner	1" x 5-7/8"	2.5 x 14.9	-
1" x 6" Cove Base Outside Corner	1" x 5-7/8"	2.5 x 14.9	-



6" x 8" Cove Base



6" x 8" Cove Base Corner Left



6" x 8" Cove Base Corner Right



Inside & Outside Cove Base Corner

## Shade & Texture Index

EcoCycle has a shade variation of V3. EcoCycle EC001 has a shade variation of V1.



V1



V2



V3



V4

V1=Uniform Appearance  
 V2=Slight Variation  
 V3=Moderate Variation  
 V4=Substantial Variation

## Recommended Usage

EcoCycle is recommended for interior floors and walls and exterior walls in both commercial and residential applications. EcoCycle is not recommended for exterior horizontal use, with the exception of EC001 in the Cross-Tread finish, which is suitable for exterior horizontal surfaces and paving.

## Care and Maintenance

Regular cleaning is the best way to keep EcoCycle tile looking good for years to come. Use clean, hot water (combined with a household cleaner for more aggressive cleaning). Rinse thoroughly and dry with a soft cloth to prevent water spots. No waxes or sealers are needed. More information regarding the care and maintenance of Crossville products is available at [www.crossvilleinc.com](http://www.crossvilleinc.com).

## Product Performance

	EcoCycle	EC001 (CTS only)	
Breaking Strength	>350 lbf.	>350 lbf.	ASTM C648
Bond Strength	>200 psi	>200 psi	ASTM C482
Chemical Resistance	Unaffected	Unaffected	ASTM C650
Frost Resistance	Resistant	Resistant	ASTM C1026
Water Absorption	<.10%	<.10%	ASTM C373
Scratch Hardness	7	6	MOH's Scale
COF-Dry	>0.65	>0.8	ASTM C1028-89
COF-Wet	>0.6	>0.8	ASTM C1028-89



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Printed with soy-based inks on recycled paper.





## Inside Front Cover

## Floor: EcoCycle Series

Color Code	Color Name	Size	Pattern %
EC101	Wetlands	12"x12"	*
EC102	Marshlands	12"x12"	*
EC104	Pine Barren	12"x12"	*

\* Custom Pattern

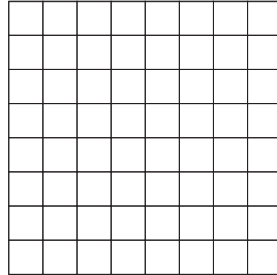
◀ Back to brochure



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#### Floor: EcoCycle Series

Color Code	Color Name	Size	Pattern %
EC105	Night Air	12"x12"	100%



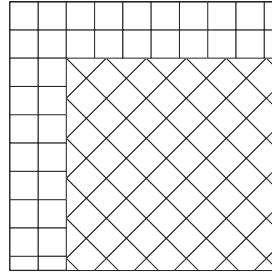
Grid Idea Book Pattern #1



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#### Floor: EcoCycle Series

Color Code	Color Name	Size	Pattern %
EC114	Grand Canyon	12"x12"	100%



Custom Pattern



**Page 3 - Bottom Right**

**Floor: EcoCycle Series**

Color Code	Color Name	Size	Pattern %
EC101	Wetlands	12"x12"	*
EC104	Pine Barren	12"x12"	*
EC105	Night Air	12"x12"	*

\* Random Pattern