

PRODUCT INFORMATION	TYPE OF PRODUCT	Tile – Porcelain Stone
	COMPANY NAME	Eco Cycle
	PRODUCT/COLLECTION NAME	Crossville
	DESCRIPTION	Whether you're a commercial designer looking for heavy-duty performance and knockout style, or a homeowner seeking just the right complement to your personal sense of design, Crossville won't let you down. Our product line is constantly being refined to keep pace with the latest technology and our color palette reflects current trends in interior surfacing materials. That's Crossville's way of making sure you never have to compromise aesthetics for performance - or vice versa.
MATERIAL FEEDSTOCK	MATERIAL CONTENT	50% of Feldspar 50% is made of various high quality light firing ball clays. This makes the fired body white, allowing clear, brilliant colors and through body construction, meaning the color goes all the way through the tile rather than a surface glaze application.
	RECYCLED CONTENT %	40% ceramic content. 95% from raw, unfired residue
	RAPIDLY RENEWABLE CONTENT %	It uses raw material but is not rapidly renewable.
	HARMFUL ADDITIVES	Uses raw materials
	HARMFUL EMISSIONS	No harmful air quality except for setting and grout materials. Grout and setting contains low VOCs and may off gas until cured.
	EMISSION STRENGTH OVER TIME	Does not support bacterial or fungal growth, and does not absorb or release other contaminants.
	TREATMENTS	the fired body white, allowing clear, brilliant colors and through body construction, meaning the color goes all the way through the tile rather than a surface glaze application. You should use non or low – VOC sealers
MANUFACTURING	MANUFACTURING PROCESS	Our waste-water policies exceed government standards and we have earned several citations for effective waste-water practices. In fact, water used in our tile manufacturing is returned clean to its natural habitat. We maximize use of natural gas, a clean burning, efficient fuel, which helps alleviate negative impacts such as greenhouse gas emissions, smog, acid rain and water pollution. Our dust collection procedures not only allow us to limit air pollution, both inside and outside our plants, but allow us to reuse unfired raw scrap materials during manufacturing. While this reuse does not constitute recycling, it does minimize landfill deposits while conserving raw materials.
	HARMFUL EMISSIONS	No harmful air quality except for setting and grout materials. Grout and setting contains low VOCs and may off gas until cured.
	LOCATION OF MANUF. PLANT	Manufactured in Crossville Tennessee, Within the 500 mile radius of Greensboro, NC
	TESTS/CODES	SCS Certified, LEED Member
	3RD PARTY CERTIFICATION	Carpet and Rug Industry: Green Label certification, Green Seal, EcoLogo, GreenStar, GreenGuard,
INSTALLATION	INSTALLATION PROCEDURE	Install the ceramic tile, against the straight edge and centerline. Lay a beating block on the tile and with a mallet, pour gently to smooth the surface and to achieve a better bond. Move the straight edge to the next section of installation. Use the rubber sponge pad on the bottom of the grout float to remove any excess grout. Allow the grout to dry for 10 to 20 minutes. Go over the joints with a wet sponge; rinse the sponge often and wring it out well. Use a clean cloth or rag to polish the tiles. Avoid using the newly grouted area for 24 to 36 hours. Do not allow the area to get wet and do not clean it. A week after grouting, use a grout sealer to lock the grout into place.
	INSTALLATION ADHESIVES	Grout and setting contains low VOCs and may off gas until cured.
	UNIT COST	\$3.17 per square foot
	LIFE CYCLE ANALYSIS EXTRACTION	Pros: Durability, ease of maintenance and lower life cycle costs, reduces need for additional materials and maintenance products. Freeze-proof. High thermal storage capacity and retain heat and emit it slowly - good in applications where warm during the day and cool at night

		Cons: High embodied energy requires long life cycle for pay-back. May fall out of style before they wear out. Difficult to salvage and reuse; no recycling programs so can only be downcycled if not salvaged.
	END OF SERVICE LIFE	Can be reused if removed carefully. 50% can be recycled because of difficulty of removal due to the grout and setting. Can be downcycled into fill. Could be recycled into new tile but not program. Will not compost, but materials are inert and will not harm systems
<u>MISC. PROPERTIES</u>	QUALITIES/PROPERTIES OF PRODUCT	Hold up to 390 to 400 lbs
	MISC. COMMENTS	What materials are used in product packaging? Is packaging made of recycled content, recyclable, or minimal?
	CONTRIBUTION TO LEED POINTS	Sustainable Site – 14 Water Efficiency – 5 Energy and Atmosphere – 17 Materials and Resources – 13 Indoor Environmental Quality – 15 Innovation and Design – 5
<u>COMPANY PROFILE</u>	GREEN PHILOSOPHY	Crossville, Inc. is committed to protecting the environment through our quality manufacturing processes and by offering recycled and environmentally friendly products
	CONTACT	Crossville, Inc. P.O. Box 1168 Crossville, TN 38557 (931) 484-2110
<u>MAINTENANCE</u>	AFTER INSTALLATION	There are five steps that are critical and should always be remembered for the successful maintenance of porcelain tiles: <ol style="list-style-type: none"> 1. All spills should be cleaned as quickly as possible. 2. Use only the recommended dilution of detergent. More is not always better; higher concentrations of detergent in the cleaning solution will only make it more difficult to rinse. 3. Allow the proper dwell (remain on the floor) time. The detergent solution must be given time to act on the soil load. Generally 5-10 minutes is sufficient. 4. Scrub with a nylon pad or bristle brush. 5. Rinse thoroughly with clean, clear water to remove the dirty detergent solution and emulsified soil. Rinsing is a critical step in the maintenance procedure. Remove the rinse water with a wet vacuum, dry mop or toweling. If dirty detergent solution is not removed and is allowed to dry on the surface, a coating will form which is very difficult to remove.