

IAR Library: 09.30.33 Cr3 2011
Porcelain Stone Tiling
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PRODUCT INFORMATION	TYPE OF PRODUCT	Porcelain Stone Tiling
	COMPANY NAME	Crossville
	PRODUCT/COLLECTION NAME	Palais
	DESCRIPTION	Palais, the French word for palace, establishes a new standard for elegance and sophistication.
MATERIAL FEEDSTOCK	MATERIAL CONTENT	n/a
	RECYCLED CONTENT %	None
	RAPIDLY RENEWABLE CONTENT %	0%
	HARMFUL ADDITIVES	None
	HARMFUL EMISSIONS	None
	EMISSION STRENGTH OVER TIME	N/A
	TREATMENTS	No color dye treatment, colors come from inherent color of porcelain
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	A \$2 million proprietary system that diverts 6 million pounds of post-industrial waste from landfill into manufacturing process each year.
	LOCATION OF MANUF. PLANT	Crossville, TN
	TESTS/CODES	Breaking Strength >450 lbf. ASTM C648 Bond Strength >200 psi ASTM C482 Facial Dimensions ±0.20% max. ASTM C499 Chemical Resistance Unaffected ASTM C650 Frost Resistance Resistant ASTM C1026 Water Absorption < 0.10% ASTM C373 Abrasive Resistance 3-5 ASTM C1027 Scratch Hardness 7 MOH's Scale COF - Dry > 0.8 ASTM C1028 COF - Wet > 0.6 ASTM C1028
	3RD PARTY CERTIFICATION	USGBC member, FloorScore
INSTALLATION	INSTALLATION PROCEDURE	Palais is recommended for interior floors and walls and exterior walls in both commercial and residential environments. Standard tile installation procedure using adhesive and grout.
	INSTALLATION ADHESIVES	Use low VOC grout and adhesives.
	UNIT COST	Varies based on product from \$-\$\$\$
	LIFE CYCLE ANALYSIS EXTRACTION	Durable and long lasting
	END OF SERVICE LIFE	Crossville Tile Take Back Program for recycling. Through our proprietary Tile Take-Back program, we are able to process tile back into powder used to manufacture new tile. Not only does this allow us to take back tile that has been removed for remodeling and renovation, but it also allows us to recycled our own fired waste - diverting an additional four million pounds of waste from landfills annually.
	MISC. PROPERTIES	Durable, long lasting, regional material for UNCG
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	
	MISC. COMMENTS	
COMPANY PROFILE	CONTRIBUTION TO LEED POINTS	Contributes to LEED MR 4.1, 4.2, 4.5, 5.1, and 5.2 Credits
	GREEN PHILOSOPHY	A member of the U.S. Green Building Council, Crossville, Inc. is committed to protecting the environment through our quality manufacturing processes and by offering recycled and environmentally friendly products. Recognizing that sound environmental policies reach beyond manufacturing processes and product offerings into all business

<u>MAINTENANCE</u>		operations, we have formed an Environmental Commitment Task Force comprising representatives from each of our operational units to evaluate current practices for efficiency and environmental impact and to recommend future innovations that will further establish Crossville as the environmental leader in the tile industry.
	CONTACT	<p>Crossville, Inc. P.O. Box 1168 Crossville, TN 38557 (931) 484-2110 Crossville.com</p> <p>2009 Crossville catalog is in the CSI Division 9 Finishes folder in the library.</p>
	AFTER INSTALLATION	Regular cleaning using hot water combined with a non-abrasive household cleaner will keep the glass tile looking good for years. Rinse thoroughly and dry with a soft cloth to prevent water spots. No waxes or sealers are needed. Residential lifetime warranty.