



6238 East Utah Ave, Spokane, WA 99212

LEED CERTIFICATION LETTER

Natural Hues on Eco-Body

April 2011

To whom it may concern:

Natural Hues on Eco-Body is a glazed ceramic tile product that meets not only the technical guidelines of Presidential Order 13101 and the EPA, but the spirit of the order as well. This certification letter reflects the latest information available from our factory and various governmental agencies. Recycled content can change over time because of new guidelines, operating conditions, suppliers and availability of raw materials. Please check our website at www.quarrytile.com for the latest information on Eco-Body.

Materials and Resources—MR Credit 4 -Recycled content

Eco-Body currently contains about 44% total recycled content as defined by the latest EPA Guidelines, LEED® 2009 (Version 3) and ISO 14021. It is a combination of pre-consumer wastes collected and recycled from Quarry Tile Co manufacturing operations and pre-consumer solid wastes from the computer industry. Prior to ISO 14021 and LEED 2.2, pre-consumer wastes were called post-industrial wastes.

Eco-Body's current recycled content is a combination of pre-consumer grinding paste from the computer industry, and pre-consumer recycled glaze waste and other recycled wastes from our wastewater recycling system. All of the recycled wastes are collected, weighed, mixed and processed to form a homogenous and refined powder. This powdered blend is then added to virgin clays and other additives to create our Eco-Body.

Materials and Resources—MR Credit 5 –Regional Materials

Quarry Tile Co Natural Hues on Eco-Body are manufactured in Spokane, WA, 99212. By weight, 99% of the product is extracted or recovered within 500 miles of Spokane, WA, 99212. Natural Hues on Eco-Body weighs about 3.5# per square foot of product.

Indoor Environmental Quality – IEQ Credit 4.3

Tile is fired at very high temperatures, usually in excess of 2,000°F. At such high temperatures, any organics that might be present in clays or binders are completely burned away. As a result, the final product is inert and has no VOC emissions. Due to its VOC-free nature, ceramic and porcelain tile products are exempt from all testing criteria outlined in LEED 2009 IEQ Credit 4.3.

On April 14, 2010, USGBC issued an addendum to LEED 2009 Rating Systems' IEQ Credit 4.3. It states, "Mineral-based finished flooring products such as tile, masonry, terrazzo, and cut stone without integral organic-based coatings and sealants ... qualify for credit without any IAQ testing requirements."

Like all of Quarry Tile Co.'s products, Eco-Body meets or exceeds all of the requirements of ANSI 137.1 section 6.1 for Glazed Tile products. It is available in 50 plus colors, 13 field tile sizes and all of the key trim shapes needed for floors and walls. Eco-Body does not carry a premium price when compared to other Quarry Tile Co. products.

If you have any other questions, please don't hesitate to call.

Sincerely,

J Thomas Sawyer

J Thomas Sawyer,
VP, Quarry Tile Company

LEED® 2009 RATING SYSTEMS COMPLIANCE MATRIX

LEED Category	LEED Credit (1 point / credit)	LEED Description	LEED Requirements	Natural Hues on Eco-Body
Materials and Resources	MR-4	Recycled Content: 10% (post-consumer + ½ pre-consumer)	Use materials with recycled content, such that the sum of post-consumer recycled content plus 1/2 of the pre-consumer content constitutes at least 10%, based on cost, of the total value of the materials in the project.	Qualifies. 44% pre-consumer recycled content by weight. Natural Hues on Eco-Body weighs 3.5#/ sq ft
	MR-4	Recycled Content: 20% (post-consumer + ½ pre-consumer)	Use materials with recycled content such that the sum of post-consumer recycled content plus 1/2 of the pre-consumer content constitutes at least 20%, based on cost, of the total value of the materials in the project.	Qualifies. 44% pre-consumer recycled content by weight. Natural Hues on Eco-Body weighs 3.5#/ sq ft
	MR-5	Regional Materials: 1 point for 10% of project cost extracted regionally 2 points for 20% of project cost extracted regionally	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20%, based on cost, of the total materials value. If only a fraction of a product or material is extracted, harvested, or recovered and manufactured locally, then only that percentage (by weight) can contribute to the regional value.	By weight, 99% of the materials used to manufacture Natural Hues is extracted, or recovered and manufactured within 500 mile of Spokane, WA, 99212. Natural Hues on Eco-Body weighs about 3.5# per square foot of product

LEED® 2009 RATING SYSTEMS COMPLIANCE MATRIX

LEED Category	LEED Credit (1 point / credit)	LEED Description	LEED Requirements	Natural Hues on Eco-Body
Indoor Environmental Quality	IEQ-4.3	Low-emitting Materials: Flooring Systems	Mineral based flooring products such as tile, masonry, terrazzo and cut stone without integral organic-based coatings and sealants and unfinished/untreated solid wood flooring qualify for credit without any IAQ testing.	Natural Hues on Eco-Body is mineral based tile. They are fired to over 2000 degrees F and do not have any VOC content or emissions

Natural Hues on EcoBody	Weight Percent	Harvest/Extraction Location				
		Ingredients	City	State	Country	Postal/Zip Code
1	15.4%		WORLEY	ID	USA	83876
2	10.4%		USK	WA	USA	99180
3	5.4%		LANE	WA	USA	99181
4	3.5%		SPOKANE	WA	USA	99212
5	30.1%		SPOKANE	WA	USA	99212
6	4.3%		WILSONVILLE	OR	USA	97070
7	10.1%		SPOKANE	WA	USA	99212
8	20.4%		SPOKANE	WA	USA	99212
Total	99.6%					