

PRODUCT INFORMATION	TYPE OF PRODUCT	Floor covering
	COMPANY NAME	Daltile
	PRODUCT/COLLECTION NAME	Veranda, Identity
	DESCRIPTION	<p>Veranda: From a sense of casualness to sleek sophistication, Veranda's beauty lies in its versatility. This stylish tile is comfortable and understated and makes itself right at home in a wide range of environments. Paired with distinctive accents and trim, it's available in a variety of sizes, which makes for fresh pattern options. Rich, progressive colors come alive in a look that is evocative of smooth, stained concrete. With its clean, graceful artistry, Veranda suits a variety of tastes and complements today's eclectic lifestyles.</p> <p>Identity: Envelop your space with the contemporary elegance of Identity Floor, a Color Body porcelain tile with three unique surfaces. Fabric resembles fine tweed with subtle grains and metallic specks. Grooved mirrors the depth of raked sand. Cement embodies the modern style of a cement-look, combined with movement and variation. This line contains a vast range of colors, sizes, and finishes that can bring to life the "identity" of your space. Add more personality to your space with the addition of Identity Wall. Available in the same seven coordinating colors as the floor tile, this wall line comes in a contemporary 8 x 20 size, which is available in gloss and matte finishes. A coordinating gloss and matte decorative accent is also available in each color and is sure to make a subtle yet memorable statement.</p>
MATERIAL FEEDSTOCK	MATERIAL CONTENT	Dal-Tile with Outstand Technology has among the highest recycled material content of any in the industry.
	RECYCLED CONTENT %	Made up of over 50% pre-consumer recycled materials
	RAPIDLY RENEWABLE CONTENT %	Have among the highest recycled material content of any in the industry
	HARMFUL ADDITIVES	None
	HARMFUL EMISSIONS	None
	EMISSION STRENGTH OVER TIME	None
	TREATMENTS	None
MANUFACTURING	MANUFACTURING PROCESS	Manufactured in accordance with ANSI A 1371.1 standards. From using recycled material content to establishing manufacturing facilities within 500 miles of your project, we help ensure you don't have to compromise your design to be environmentally conscious.
	HARMFUL EMISSIONS	None
	LOCATION OF MANUF. PLANT	Texas
	TESTS/CODES	DCOF Acutest
	3RD PARTY CERTIFICATION	Daltile manufactured products have been Green Squared certified by Underwriter Laboratories - Environment, a recognized leader between auditing and verification services companies.
INSTALLATION	INSTALLATION PROCEDURE	<p>Step 1: Surface Preparation Tile may be installed over most structurally sound substrates, if they are clean, smooth, dry and free of wax, soap scum and grease. Any damaged, loose or uneven areas must be repaired, patched and leveled. Remove any moldings, trim, appliances, etc., which could interfere with installation. Doorjambes may be undercut for tile to slip under.</p> <p>Step 2: Layout Begin by marking the center point of all four walls. Snap chalk lines between the center points of opposite walls, which will intersect at the center of room. Make sure they're perfectly square, and adjust if necessary. Next, lay out a row of loose tiles along the centerlines in both directions, leaving spaces for uniform joints (use tile spacers). If this layout leaves cuts smaller than 1/2 tile at walls, adjust the centerline by snapping a new line 1/2 tile closer to the wall. Repeat along other centerline if necessary. Now divide the room into smaller grids (approx. 2' x 3') by snapping additional lines parallel to centerlines.</p>

		<p>Step 3: Applying Adhesive Select the right adhesive for the substrate you're using. Carefully read and follow all instructions and precautions on the adhesive or mortar package. Mix only enough to be used within 30 minutes. Using the type trowel recommended on the adhesive package spread a 1/4" coat on the surface of one grid area, using the flat side of the trowel. Do not cover guidelines. Next, use the notched side of trowel to comb adhesive into standing ridges by holding trowel at a 45-degree angle. Then remove excess adhesive, leaving a uniform, ridged setting bed. Don't spread a larger area than can be set in 15 minutes.</p> <p>Step 4: Cutting Tile Measure tiles to be cut carefully and mark with a pencil or felt-tip pen. Make straight or diagonal cuts with a tile cutter, curved cuts with a nipper (chipping away small pieces for best results), full-length curved cuts with a rod saw. Sharp-cut edges may be smoothed with a carborundum stone.</p> <p>Step 5: Setting Tile Variation of shades is an inherent characteristic of ceramic tile -- mix tiles from several cartons as you set, for a blended effect. Begin installing tiles in the center of the room, one grid at a time. Finish each grid before moving to the next. Start with the first tile in the corner of the grid and work outward. Set tiles one at a time using a slight twisting motion. Don't slide tiles into place. Insert tile spacers, as each tile is set, or leave equal joints between tiles. Fit perimeter tiles in each grid last, leaving 1/4" gap between tile and wall. Any rectangle porcelain should never be set in a running bond pattern, rather no more than a 1/3 overlap, the joint should be widened to 3/16" and use of a large unit porcelain mortar should be employed. When grid is completely installed, tap in all tiles with a rubber mallet or hammer and wood block, to ensure a good bond and level plane. Remove excess adhesive from joints with a putty knife, and from tile with a damp sponge. Do not walk on tiles until they are set (usually in 24 hours).</p>
	INSTALLATION ADHESIVES	Generally, you should wait about 24 hours before grouting (refer to the adhesive package for specifics). Carefully read and follow all instructions and precautions on the grout package. Make only enough to use in about 30 minutes. Remove tile spacers and spread grout on the tile surface, forcing down into joints with a rubber grout float or squeegee. Tilt the float at a 45-degree angle. Remove excess grout from surface immediately with the edge of float. Tilt it at a 90-degree angle and scrape it diagonally across tiles. Wait 15-20 minutes for grout to set slightly, then use a damp sponge to clean grout residue from surface and smooth the grout joints. Rinse sponge frequently and change water as needed. Let dry until grout is hard and haze forms on tile surface, then polish with a soft cloth. Rinse again with sponge and clean water if necessary. Wait 72 hours for heavy use. Don't apply sealers or polishes for three weeks, and then only in accordance with manufacturer's recommendations.
	UNIT COST	Varies based on product
	LIFE CYCLE ANALYSIS EXTRACTION	By their very nature Daltile's products have always been an earth-friendly design element. Simply because ceramic tile can last much longer than soft surfaces, as well as all other hard surfaces, it won't likely be replaced for decades.
	END OF SERVICE LIFE	Not applicable
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	Available in large, linear sizes and coordinating accents, they offer both selection and style. The Veranda Solids & Tones collection integrates earthy colors and elemental inspiration like leather, pearls, suede and steel. The wide array of tones that were inspired from both man-made and natural sources serves as the basis for this unique collection.
	MISC. COMMENTS	<p>Veranda: Since there are variations in all fired ceramic products, tile and trim supplied for your particular installation may not match these samples. Final color selection should be made from actual tiles and trim and not from tile and trim samples or color reproductions.</p> <p>Identity: These tiles have a dynamic coefficient of friction less than 0.42 as measured by the DCOF Acutest TM method. Tiles with DCOF Acutest values less than .42 are not recommended for use in areas with wet or slippery conditions. If such tiles are used as a walking surface where water, ice, oil, grease and/or other substances are present, such a condition could cause a reduction in foot traction and become unexpectedly slippery resulting in a fall and personal injury.</p>
	CONTRIBUTION TO LEED POINTS	Due to our firm belief that design is intended to create better places to live and work, Daltile takes the necessary steps to help you pursue great designs that are both innovative and earth-friendly. To help make what we

		do as sustainable as possible, we are always looking at the processes and materials used to make our products. We are recycling, reusing and reducing solid materials and water used to manufacture our tile as well as accomplishing a remarkable level of energy conservation.
<u>COMPANY PROFILE</u>	GREEN PHILOSOPHY	At Daltile, we help make it easier for you to earn points toward LEED certification so you do not have to compromise your design for any reason. We use recycled materials in many of our products and have multiple manufacturing facilities providing the potential to be with 500 miles of your projects.
	CONTACT	7834 C.F.Hawn Freeway, Dallas, Texas 75217/ 1-800-933-TILE For detailed information, visit daltilegreenworks.com
<u>MAINTENANCE</u>	AFTER INSTALLATION	Grout haze is a film that has been left behind on the surface of the tile as part of the final grouting process. Usually this is buffed off the surface after the grout has achieved its initial 12 to 24 hour cure. The removal of the haze is often difficult when buffing with a clean rag or floor machine. Cementations grout haze can be successfully removed with "Sulfamic" acid, which is a mild acid that attacks and breaks down cement smears. There are several products on the market called grout haze removers, which usually contain Sulfamic acid. Sulfamic acid can also be purchased in powder form and mixed with water to different strengths by qualified professionals. Similarly, 100% Solids Epoxy Grout haze can be removed with an Epoxy Haze Remover. These removers are formulated to safely and quickly remove cured epoxy haze from new tile installations. Their unique formulation will soften most epoxy hazes for easy removal without damaging the grout or tile, usually in one application. Sulfamic acid or grout removers should never be used on Natural Stone products.