

RECYCLED & WHITE TILE SPECIFICATIONS

Our ceramic tile comes in two types of clay bodies, each with distinctive properties. Our **Recycled Clay Body** uses over 50% recycled content and qualifies for numerous LEED points, while our **White Clay Body** offers a fresh canvas for its own unique selection of glazes. Both are made of raw materials sourced in the USA and are handcrafted at our Aromas, CA factory. Please note that the two bodies cannot be mixed in the same installation. As with all handmade tile, some degree of color and size variation is expected. Please see the attached Color Guide for a full list of glaze and size variation.

RECYCLED CLAY BODY RECOMMENDED APPLICATIONS

- Kitchen
- Wet environments like showers and baths
- Pools and fountains, unless glaze is noted as acid sensitive (see attached Color Guide)
- Floors (both light commercial and residential)
- Walls, counters, vertical and horizontal surfaces
- Outdoor BBQ's, patios, stair risers, and fireplaces

WHITE CLAY BODY RECOMMENDED APPLICATIONS

- Kitchen
- Bathroom (NOT recommended for steam shower or pool applications)
- Floors (both light commercial and residential)
- Walls, counters, vertical and horizontal surfaces
- Outdoor BBQ's, patios, stair risers, and fireplaces

CONSIDERATIONS

- Our ceramic tile is frost-resistant but not frost proof. Please contact us if you'd like to discuss a specific application.
- Certain glazes are acid sensitive (see the attached Color Guide for a detailed listing of glazes and acid sensitivity). Do not use acid sensitive glazes for countertops, pools, or bathrooms. Acids may cause discoloration.
- Do not mix Recycled and White Clay Bodies in the same installation.
- Our ceramic tile has a Class A fire rating.

COLOR INFORMATION

- All glazes are designed and hand-mixed using all natural, 100% lead-free ingredients.

- Due to the handcrafted nature of our tile, variations in color, texture, crazing, and finish will occur in different degrees depending on the specific glaze. Individual color variation is graded V1 (least) to V4 (most). See the attached Color Guide for a full list of glazes, variations, and finishes. Finishes are not interchangeable. Glazes with abrasive grit are available for certain flooring projects.
- Sizing ranges from 1x1" up to 12x12". Field tile is extruded, and tile size variance from 1/16" to 1/8" can be expected. If designing a specific pattern, contact us to understand if tile will be modular.

CUSTOM OPTIONS

- Custom design options are available. Color, size, and shape can all be modified depending on the project. For more information, contact us with your specific project details.

MANUFACTURING INFORMATION

- All of our tile is 100% manufactured by our team of experienced ceramicists in Aromas, CA. We repurpose old discarded tile, recycled wastewater, and glaze materials, and manufacture in our daylight, open-air factory. All material is sourced in the USA.

LEAD TIMES

- Lead times vary based on product and quantity. Please contact us or check our website for current lead times.
- Rush orders are available. An additional fee may apply.

SUSTAINABLE DESIGN | LEED CREDITS

- The Recycled Clay Body may qualify for:
 - MR 4.1/4.2: Recycled Content (1–2 points)
 - MR 5.1/5.2: Regional Materials (2 points)
 - EQ 4.2: Low-Emitting Materials (1 point)
- The White Clay Body may qualify for:
 - MR 5.1/5.2: Regional Materials (2 points)

RECYCLED & WHITE TILE SPECIFICATIONS

(SUSTAINABLE DESIGN | LEED CREDITS, continued)

- A minimum of 50% of the Recycled Clay Body is made from recycled products including post-consumer recycled porcelain/glass and pre-consumer recycled granite dust. In addition, we recycle our own tile and glaze waste and re-incorporate it into the recycled body.
- All of our glazes are 100% lead-free.
- Tile orders are packaged in recycled cardboard boxes and on recycled pallets or crates. We use recycled sawdust, biodegradable peanuts, and/or other sustainable materials for protection.

PHYSICAL TESTING PROPERTIES

- Water Absorption (pre-glazed): 6.85% (semi-vitreous)
- Physical Dimensions Thickness: approx. 5/16"
 - Weight
 - Recycled: 5 lbs per sq.ft.
- White: 4.5 lbs per sq.ft.
- Breaking Strength: 381 lbs
- Scratch Hardness: 6.0 mohs

INSTALLATION

- Please visit fireclaytile.com for our [Tile Installation Guide](#). For homeowners, we always recommend hiring an experienced professional for best results.
- Use a natural color sanded grout and avoid contrasting grouts. For grout joints we recommend 3/16" (1/4" for 12" modules). Note: Smaller joints are possible. If deviating from the recommended grout joint size, please have a suitable mock up made that will mimic conditions on the job site.
- Grout release should be used with colored grouts and tile with crazing/crackle.
- Sealing is not necessary unless it is a non-acid resistant color in an area such as a bathroom or pool to prevent a patina from forming on the tile. We recommend sealing your grout to ward off staining and discoloration.