

Our non-slip ceramic tile is available on our handmade Recycled Clay Body. Our Recycled Clay Body uses over 50% recycled content and qualifies for numerous LEED points. All tile is made of raw materials sourced in the USA and handcrafted at our Aromas, CA factory. As with all handmade tile, some degree of color variation is expected. Please see the attached Color Guide for a full list of glaze and size variation.

## NON-SLIP TILE RECOMMENDED APPLICATIONS

- Floors (both light commercial and heavy residential)
- Commercial & residential Kitchens
- Wet environments like showers and baths
- Pools and fountains
- Walls, counters, vertical and horizontal surfaces
- Outdoor BBQ's, patios, stair risers, and fireplace faces and hearths in non freezing climates.

## PHYSICAL TESTING PROPERTIES - BODY

- Water Absorption (pre-glazed): 6.85% (semi-vitreous)
- Physical Dimensions Thickness: approx. 5/16"
- Weight: Recycled Tile - about 3.7 lbs per foot
- Breaking Strength: 381 lbs
- Scratch Hardness: 6.0 mohs

## PHYSICAL TESTING PROPERTIES - GLAZE

- Dynamic Coefficient of Friction (DCOF): >0.42
- Abrasion: Class 3
- Stain Resistance: Class A

## 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 1x4 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 can be modular.
- Due to the application technique required for our non-slip glaze, matching trim is unavailable. Contact us for an alternative suggestion.

## GROUT CONSIDERATIONS

Light glazes are susceptible to staining with dark grouts. See the TCNA test results for ASTM C1378-04. The only material that causes a visible staining reaction is Potassium Permanganate Solution, which has a high magnesium content. Magnesium is prevalent in dark grout colors (it's what makes things black) and is what causes the staining. In house we have tested the effectiveness of grout release against staining on light colors with little to no change. We are actively seeking alternative grouts to recommend clients who wish to install light colors with dark grouts.

Be sure to educate your client on this potential staining with dark, heavily pigmented grouts and encourage them to test in a small area before installing.

## CUSTOM

- 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.

## 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.

## INSTALLATION

- Please refer to 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 tile is being installed in a wet 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.

**WARNING: Dry cutting and grinding of ceramic tile can lead to silica dust exposure, known to the State of California to cause cancer and birth defects or other reproductive harm. To reduce exposure to silica dust, only use a wet saw when cutting any tile.**

## 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.

## ENVIRONMENTAL

### LEED Qualifications

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)
- 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 biodegradable peanuts, and/or other sustainable materials for protection.

## ENVIRONMENTAL (CONT.)

### HPD Qualifying

Our most up-to-date [HPD documentation](#).

### B Corp

Fireclay is honored to be the first tile company to achieve B Corporation Certification, committing to empowering ourselves and other businesses to be forces of good in the community. See our [scorecard](#).

## CONSIDERATIONS

- Our ceramic tile is frost-resistant but not frost proof. Please contact us if you'd like to discuss a specific application.
- Our ceramic tile has a Class A fire rating.

## WARRANTY

If maintained properly, our tile can be enjoyed for a lifetime. However, we do not offer a warranty on our products. Follow installation directions and instructions closely to maintain the quality and longevity of your tile. We will help you every step along the way to ensure the end result is a beautiful installation that can be enjoyed for years.

## COLOR GUIDE

COLOR	BODY	COLOR VARIATION	FINISH	CRACKLE	ACID SENSITIVE
Capitol	Recycled	1	Non-Slip	No	No
Limestone	Recycled	1	Non-Slip	No	No
Pigeon	Recycled	1	Non-Slip	No	No
Underground	Recycled	1	Non-Slip	No	No
Concrete	Recycled	1	Non-Slip	No	No
Skyscraper	Recycled	1	Non-Slip	No	No
Cobblestone	Recycled	1	Non-Slip	No	No
Steel	Recycled	1	Non-Slip	No	No
Fountain	Recycled	1	Non-Slip	No	No
Marina	Recycled	1	Non-Slip	No	No
City Lights	Recycled	1	Non-Slip	No	No
Wharf	Recycled	1	Non-Slip	No	No
Street Car	Recycled	1	Non-Slip	No	No
Arboretum	Recycled	1	Non-Slip	No	No
Lady Liberty	Recycled	1	Non-Slip	No	No
Taxi	Recycled	1	Non-Slip	No	No

## PRODUCT SIZE GUIDE

RECYCLED (RED BODY)		
MOSAICS (NOMINAL SIZE)	MOSAICS (APPROX. SIZE)	PIECES/SF
1 x 4	15/16" x 4-3/16"	33
1 x 6	15/16" x 6"	23
2 x 2	1-7/8" x 1-7/8"	34
2" Hexagon	1-15/16" x 1-3/4"	46
Small Diamond	2-5/16" x 4"	27
FIELD TILE (NOMINAL SIZE)	FIELD TILE (APPROX. SIZE)	PIECES/SF
2 x 4	1-15/16" x 4"	17
2 x 6	1-15/16" x 6"	11.5
2 x 8	1-15/16" x 8-1/8"	8
3 x 3	2-15/16" x 2-15/16"	16
3 x 6	2-15/16" x 6"	8
3 x 9	3" x 9"	5.33
3 x 12	3" x 12"	4
4 x 4	4-3/8" x 4-3/8"	8
4 x 8	4-1/4" x 8-1/4"	4.5
6 x 6	6-1/8" x 6-1/8"	4
6 x 12	6-1/4" x 12"	2
8 x 8	8-1/16" x 8-1/16"	2.25
12 x 12	12-1/4" x 12-1/4"	1
TILE SHAPES (NOMINAL SIZE)	TILE SHAPES (APPROX. SIZE)	PIECES/SF
3" Hexagon	3-1/2" x 3-1/2"	18
4" Hexagon	3-7/8" x 3-7/8"	12
6" Hexagon	5-7/8" x 5-7/8"	4.75
8" Hexagon	7-7/8" x 7-7/8"	2.6
12" Hexagon	12-1/2" x 12-1/2"	1.1
Elongated Diamond	5" x 6-1/4"	9
3" Triangle	2-15/16" (all three sides)	31
4" Triangle	4-3/8" (all three sides)	16
6" Triangle	6-1/8" (all three sides)	7.5
Hexite	6-1/16" x 7-3/32"	6.5
Star	7-5/8" x 7-5/8"	4.5
Cross	2-1/4" x 7-5/8"	
Mini Star	5-3/4" x 5-3/4"	8
Mini Cross	5-1/2" x 1-5/8"	
Kite	5-1/2" x 7-1/2"	7
Ogee	6-3/4" x 5-1/2"	6.5
Ogee Drop	5" x 5-1/4"	9
Paseo	4-3/4" x 5-1/2"	8.5
Wave	11-1/2" x 2-3/4" x 1-1/16"	6
Picket	10-1/4" x 3-3/4"	5.5
Scalene Triangle - Left or Right	2-7/8" x 9-7/16" x 9"	9.7
Chaine Femme	3-3/8" x 4"	19
Chaine Homme	4-1/8" x 4-1/8"	13
Cravate	3-7/8" x 6-1/4"	9