

VITRAIL SERIES HANDMADE TILE

PRODUCT SPECIFICATIONS

Updated: January 2011

PHYSICAL QUALITIES

Our Vitrail Series Handmade Ceramic Tile is an exquisite high-quality ceramic tile. We manufacture the Vitrail Series in our Northern California day-lit factory using the best ceramic materials available. Our glazes are hand-mixed using all non-lead ingredients. Appropriate applications include:

- Interiors and exteriors
- Warm and cold climates (frost resistant but not frost proof; *please consult for particular outdoor applications*)
- Floors (commercial and residential; matte glaze preferred)
- Walls, counters, vertical and horizontal surfaces
- Showers and baths (we recommend sealing)

Physical Properties:

Water Absorption (pre-glazed) 7%
Physical Dimensions: varies- 3 7/8" x 3 7/8"
Thickness: ~3/8"
Weight: 3.75lb per sq. ft.
Recommended Grout Line: 3/16"

COLOR VARIATION

Because of Fireclay Tile's handmade glaze-processes, variations in color may occur. Variation is ranked VI - V4.

- 1: Little color variation
- 2: Subtle tonal shifts
- 3: Tonal and subtle hue shifts.
- 4: High tonal and hue shifts.

Note: Please call for samples for V3 or V4 rated colors.

VITRAIL GLAZE COLOR FINISHES

Gloss: Shiny, semi-reflective sheen.

Light Crackle: On gloss surface. Crackle can vary.

Heavy Crackle: On gloss surface. Crackle can vary.

Velvet Matte: Matte surface with some surface sheen.

Patine: An antiquing process applied to a crackle glaze to accentuate the crackled nature of the glaze.

OTHER GLAZE NOTES AND ACID RESISTANCE

Acid Resistance

Fireclay glaze colors marked "Yes" are acid sensitive. Use only acid resistant glazes on countertop surfaces or bathroom areas where products or substances with acidic ingredients will come into repeat / prolonged contact with tile. Acids may also cause discoloration.

Crackle

When used in bathrooms all crackle tiles must be sealed to prevent mildew.

Crazing

If noted some surface glaze may craze over time. Crazing is the development of small surface cracks that do not affect the structural integrity of the tile, though may lead to discoloration. Crazing is part of the inherent beauty of the tile.

VITRAIL SERIES CONVERSION CHART

Updated: January 2010. Tiles per SF calculation assumes grouted installation

Tile Size (in.)	Tiles per SF	Tile Size (in.)	Tiles per SF
1x1	175	3x6	8
1x2	82	3x12	n.a.
1x4	40	4x4	9
1x6	26	4x6	6
2x2	36	4x8	4.5
2x4	18	6x6	4
2x6	13	6x12	n.a.
2x8	9	8x8	n.a.
3x3	16	12x12	n.a.
3" Hexagon	20	6" Hexagon	4
4" Hexagon	13	4x6 Rhomboid	9.75

Note: We will round up to the nearest whole number for your order. Like other handmade tile, individual tile sizing may vary

OVERVIEW & MANUFACTURING

Vitrail Series Product Information

- Handmade, square-edged tile produced on white stoneware clay body.
- High crackle semitransparent glazes.
- Available in over 112 glaze colors (No lead, no VOCs).
- Available in almost all field sizes and huge selection of moldings, trims, ropes, and decorative tiles.

Manufacturing

- Our Vitrail Series tile is made by us in our Northern California factory. We have a sustainable handmade tile plant that recycles almost all waste-water and glaze materials and operates within a day-lit factory.
- Our workers are paid a fair living wage, and many of our staff have worked at Fireclay for over 10 years.



FIRECLAY TILE

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p: (408) 275-1182 | f: (408) 275-1187

2011 VITRAIL SERIES GLAZE COLORS

Color	Color Variation	Finish	Acid Sensitive	Crazing	yes	Flooring	Sealing Required
Antique Bone	3	Light Crackle		moderate	yes		yes
Apricot	3	Light Crackle		moderate	yes		yes
Apricot Honey	4	Light Crackle		moderate	yes		yes
Aqua	3	Light Crackle		moderate	yes		yes
Aubergine	4	Light Crackle		moderate	yes		yes
Azurine	4	High Crackle		heavy	yes		yes
Basil	4	High Crackle		heavy	yes		yes
Basil w/ blk.(Patine)	3	Gloss (w/ Patine)		heavy	yes		yes
Birch	4	High Crackle		heavy	yes		yes
Bordeaux	3	Light Crackle		moderate	yes		yes
Bright Yellow	3	Light Crackle		moderate	yes		yes
Brisee	4	Light Crackle		moderate	yes		yes
Burnt Umber	3	Gloss		moderate	yes		yes
Butter	3	Gloss		heavy	yes		yes
Butter w/ Brn. (Patine)	3	Gloss (w/ Patine)		heavy	yes		yes
Cancun Blue	3	Light Crackle		moderate	yes		yes
Cancun Green	3	Light Crackle		moderate	yes		yes
Caramel VM	4	Velvet Matte		light	yes	yes	yes
Caraway	4	High Crackle		heavy	yes		yes
Caraway w/ Brn. (Patine)	3	Gloss (w/ Patine)		heavy	yes		yes
Caribbean	3	Light Crackle		moderate	yes		yes
Celadon	4	High Crackle		heavy	yes		yes
Cerulean	3	High Crackle	yes	heavy			yes
Chardonnay	4	Light Crackle		moderate	yes		yes
Chestnut	3	High Crackle		moderate	yes		yes
Chili Powder VM	2	Velvet Matte		light	yes	yes	yes
Cinnabar	2	Gloss		moderate	yes		yes
Claret	3	Gloss		light	yes		yes
Claypot	3	Light Crackle		moderate	yes		yes
Clear Glaze	2	High Crackle		moderate	yes		yes
Coconut VM	2	Velvet Matte		light	yes	yes	yes
Cornflower Blue VM	3	Velvet Matte		light	yes	yes	yes
Cranberry	2	Gloss		light	yes		yes
Crater Lake	3	Light Crackle		moderate	yes		yes
Cyclone	3	Light Crackle		moderate	yes		yes
Dijon	3	High Crackle		moderate	yes		yes
Ebony VM	1	Velvet Matte		light	yes	yes	yes
Edwardian Green	4	High Crackle	yes	heavy			yes
Emerald	3	High Crackle	yes	moderate			yes
Foggy Morning	3	High Crackle		heavy	yes		yes
Foggy Morning w/ Blk. (P)	3	Gloss (w/ Patine)		heavy	yes		yes
Ginger	4	High Crackle		heavy	yes		yes
Ginseng VM	4	Velvet Matte		light	yes	yes	yes
Granny Smith VM	3	Velvet Matte		light	yes	yes	yes
Green Tea	4	Light Crackle		heavy	yes		yes
Hammered Bronze	4	Gloss		light	yes		yes
Hawaiian Blue	3	High Crackle	yes	heavy			yes
Ice Blue	3	High Crackle		heavy	yes		yes
Jet Black	1	Gloss		light	yes		yes
Khaki VM	3	Velvet Matte		light	yes	yes	yes
Kiwi	4	High Crackle	yes	heavy			yes
Larkspur VM	3	Velvet Matte		light	yes	yes	yes
Lemongrass	3	High Crackle		heavy	yes		yes
Loch Ness	3	Gloss		moderate	yes		yes
London Fog	3	Light Crackle		moderate	yes		yes
Lt. Sea Green	3	Gloss		moderate	yes		yes

- 1) **Color Variation:** Glazes are rated V1 to V4 to indicate potential amount of variation that may occur. We recommend samples for V3 & V4 glazes.
- 2) **Acid Sensitive:** Fireclay glaze colors marked "yes" are acid sensitive. We do not recommend these colors for pools or backsplash areas
- 3) **Crazing:** Certain tiles may craze over time, meaning small surface cracks may develop that may lead to discoloration. Crazing is part of the inherent beauty of our tiles.
- 4) **Flooring:** Generally gloss glaze colors are not recommended for flooring. Ask us about our "grit" application to make gloss colors flooring ready.



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Maize	3	High Crackle		moderate	yes		yes
Maple Sugar	4	High Crackle		heavy	yes		yes
Martini	3	Gloss		moderate	yes		yes
Mint Julep	3	Light Crackle		moderate	yes		yes
Mocha Cream VM	3	Velvet Matte		light	yes	yes	yes
Moonstone	3	High Crackle		moderate	yes		yes
Mushroom	4	High Crackle		heavy	yes		yes
Mussel Shell	4	Gloss		moderate	yes		yes
Nautical	3	Light Crackle		moderate	yes		yes
Nutmeg	4	High Crackle		moderate	yes		yes
Oak	4	High Crackle		heavy	yes		yes
Odyssey	3	High Crackle		heavy	yes		yes
Orange Zest	3	Light Crackle		moderate	yes		yes
Peach	3	Light Crackle		moderate	yes		yes
Peat Moss	4	Light Crackle		heavy	yes		yes
Peridot	3	High Crackle		heavy	yes		yes
Persimmon	4	High Crackle		heavy	yes		yes
Persimmon w/ Brn. (Patil	3	Gloss (w/ Patine)		heavy	yes		yes
Pistachio	4	High Crackle		heavy	yes		yes
Pistachio w/ Brn. (Patine)	3	Gloss (w/ Patine)		heavy	yes		yes
Provence Blue	33	Light Crackle		moderate	yes		yes
Prussian Blue	3	Light Crackle	yes	moderate			yes
Raspberry	3	Gloss		moderate	yes		yes
Rose Pink	3	Gloss		moderate	yes		yes
Royal Blue	2	Light Crackle		moderate	yes		yes
Saffron	3	High Crackle		moderate	yes		yes
Sandalwood	4	Light Crackle		moderate	yes		yes
Santorini Blue	3	Gloss		moderate	yes		yes
Scotch Pine	3	Gloss	yes	moderate			yes
Sea Blue	3	Light Crackle		moderate	yes		yes
Sea Foam	3	High Crackle		heavy	yes		yes
Sea Green	3	Light Crackle		moderate	yes		yes
Sesame	2	High Crackle		heavy	yes		yes
Shell	3	Light Crackle		moderate	yes		yes
Sherbet (Orange)	3	Velvet Matte		moderate	yes	yes	yes
Silver Haze	3	High Crackle		moderate	yes		yes
Silver Sage VM	3	Velvet Matte		light	yes	yes	yes
Smokey Quartz	4	High Crackle		moderate	yes		yes
South Beach VM	3	Velvet Matte		light	yes	yes	yes
Spice VM	3	Velvet Matte		moderate	yes	yes	yes
Spruce Green	33	Gloss		moderate	yes		yes
St. Albanís Blue	2	Gloss		moderate	yes		yes
Sun	2	Light Crackle		moderate	yes		yes
Tahiti Green	4	High Crackle	yes	heavy			yes
Tamarind	3	High Crackle		heavy	yes		yes
Tangerine	3	Light Crackle		moderate	yes		yes
Tarragon	4	High Crackle		heavy	yes		yes
Tarragon w/ Blk. (Patine)	3	Gloss (w/ Patine)		heavy	yes		yes
Tinted Mint VM	3	Velvet Matte		light	yes	yes	yes
Topaz	3	High Crackle		heavy	yes		yes
Turquoise	2	Gloss		light	yes		yes
Twilight	4	High Crackle		heavy	yes		yes
Ultra Cream	2	High Crackle		heavy	yes		yes
Ultra Cream w/ Blk. (Patil	2	Gloss (w/ Patine)		heavy	yes		yes
Vanilla Cream VM	2	Velvet Matte		light	yes	yes	yes
Venetian Green	3	Gloss	yes	moderate			yes

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