

PORCELAIN TILE

SIZES

		SQ.FT. CARTON	PCS. PER CARTON
24 x 24 Field Tile (Unpolished & Polished)	(23-9/16" x 23-9/16") (60 cm x 60 cm)	16.00	4
12 x 24 Field Tile (Unpolished, Polished & Textured)	(11-3/4" x 23-9/16") (30 cm x 60 cm)	16.00	8
12 x 12 Field Tile (Unpolished & Polished)	(11-3/4" x 11-3/4") (30 cm x 30 cm)	11.00	11
12 x 12 Modern Liner (Combination of surfaces)	(11-3/4" x 11-3/4") (30 cm x 30 cm)	- -	11

RESIDENTIAL USAGE

FLOORS	WALLS	COUNTERTOPS	EXTERIOR PATIOS	EXTERIOR POOL DECKS
F	W	C	EP*	ED**

* Unpolished and Textured surfaces only

** Textured surface only

COMMERCIAL USAGE

	INTERIOR			EXTERIOR	
	RESIDENTIAL	LIGHT COMMERCIAL	COMMERCIAL	RESIDENTIAL	COMMERCIAL
Floors/Patios	✓	✓	✓*	✓*	✓**
Walls/Backsplashes	✓	✓	✓	✓	✓
Countertops	✓	✓	✓	✓	✓
Pool Decking**	✓	✓	✓	✓	✓
Pool Lining	✓	✓	✓	✓	✓

Textured Surface: Suitable for exterior floors (including pool decks) and walls in freezing and non-freezing climates when proper installation methods are followed.

Polished and Unpolished Surfaces: Suitable for exterior walls in freezing and non-freezing climates when proper installation methods are followed (commercial only).

* Unpolished and Textured surfaces only

** Textured surface only

NOTES

Manufacturer Warning: Polished tiles have a dynamic coefficient of friction less than 0.42 as measured by the DCOF Acutest method. Tiles with DCOF Acutest values less than 0.42 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 or personal injury. See ANSI standard A137.1 section 6.2.2.1.10, available at www.tileusa.com.

Special care should be taken when grouting with dark pigmented colors. A grout release is recommended to prevent finely powdered pigments from lodging in the pores of the surface. Use of a latex modified thin-set is recommended for installation.




For proper bonding, medium bed mortar should be utilized in installing tiles with a dimensional length size greater than 20" x 20", large rectangles or tiles with greater dimensional thickness than normal. Back buttering tiles of this nature in the installation process will also assure proper coverage for bonding.

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. Manufactured in accordance with ANSI A137.1 standards.

Water, oil, grease, etc. create slippery conditions. Floor applications with exposure to these conditions require extra caution in product selection. Not for use on ramps.

For additional information, refer to "Factors to Consider" at <http://tileoptima.com/factors-to-consider.cfm>.

TRIM (Unpolished Surface only)

TYPE	NUMBER	SIZE	PCS. PER CARTON
 Bullnose	S-43C9	3 x 12	33
 Cove Base*	S-36C9T	6 x 12	20
 Cove Base Outcorner	SC-36C9T	1 x 6	10

* Cove Base trim is intended to coordinate with floor field tile in the standard 90-degree installation position.

SHADE VARIATION



MEDIUM (V2)
Color variation within each tile.

INSTALLATION

THICKNESS	GROUT JOINT RECOMMENDATION
3/8"	1/8" (3/16" when rectangular sizes are used in a staggered brick-joint pattern, where the overlap does not exceed 33%)

DYNAMIC C.O.F. (WET) : 1 & 2

The higher the rating, the higher the slip resistance.

1 < 0.42 (Polished)

2 ≥ 0.42 (Unpolished, Textured)

STATIC C.O.F. (WET) : 1 & 2

1 0.50 - 0.59 (Polished)

2 ≥ 0.60 (Unpolished, Textured)

TEST RESULTS

	ASTM#	TEXTURED RESULT	UNPOLISHED RESULT	POLISHED RESULT
Water Absorption	C373	< 0.5%	< 0.5%	< 0.5%
Breaking Strength	C648	> 450 lbs	> 450 lbs	> 450 lbs
Scratch Hardness	MOHS	8.0	8.0	8.0
Chemical Resistance	C650	Resistant	Resistant	Resistant
Dynamic C.O.F.	A137.1	Wet: ≥ 0.42	Wet: ≥ 0.42	Wet: < 0.42
Static C.O.F.	C1028	Wet: ≥ 0.65 Dry: ≥ 0.80	Wet: ≥ 0.60 Dry: ≥ 0.70	Wet: 0.50 - 0.59 Dry: ≥ 0.70

Dynamic C.O.F. (Wet) value as measured by the DCOF AcuTest™ helps to assess a product's suitability for a commercial environment. For more information, visit our website at www.tileoptima.com/DCOF.



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