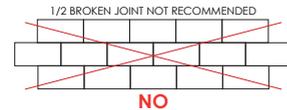


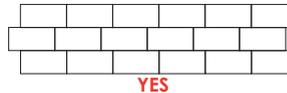


	Technical Specifications	Standard Requirements	Natural
	Water Absorption UNI EN ISO 10545-03	E ≤ 0.5%	≤ 0.5%
	Breaking Strength UNI EN ISO 10545-04	≥ 1300 N	≥ 1300 N
	Modulus of Rupture UNI EN ISO 10545-04	> 35 N/mm ²	≥ 45 N/mm ²
	Shock Resistance UNI EN ISO 10545-05	Suggested Minimum: E > 0.55	Resistant
	Resistance to Deep Abrasion UNI EN ISO 10545-06	Maximum: 175 mm ³	N/A
	Thermal Linear Expansion UNI EN ISO 10545-08	As Reported	5.8 x 10 ⁻⁴ /°C
	Thermal Shock Resistance UNI EN ISO 10545-09	Required	Resistant
	Moisture Expansion UNI EN ISO 10545-10	As Reported	N/A
	Frost Resistance UNI EN ISO 10545-12	As Reported	Resistant
	Chemical Resistance UNI EN ISO 10545-13	Domestic Chemical Products: UB/ GB Acids and Alkalis: As Reported	GLA GHA
	Stain Resistance UNI EN ISO 10545-14	Minimum: Class 3	Class 1
PEI	PEI Rating (Scratch Resistance) ASTM C 1027	As Reported	IV
	Dynamic Coefficient of Friction (DCOF) ANSI A137.1	For Level Interior Spaces Expected to be Walked Upon When wet: ≥ 0.42	≥ 0.42
	Shade Variation	As Reported	V3
	Thickness	As Reported	12" x 24" - 9.5 mm 30" x 30" - 9.5 mm 24" x 48" - 9.5 mm
	Number of Screens	As Reported	12" x 24" - 33 30" x 30" - 11 24" x 48" - 6

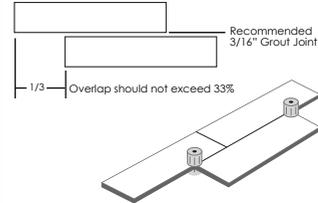
Grout joint required for rectified edge tile
1/2 broken joint not recommended



MANUFACTURER RECOMMENDS 1/3 OR LESS STAGGERED SPACING



INSTALLATION TIPS



Use a leveling system during installation to reduce lippage



STONE

TOSCANA
RECTIFIED PORCELAIN



HAPPY FLOORS



≥ 36%



ABOVE: PERLA (WALL) & BEIGE (FLOOR)
COVER: PERLA LEAF MOSAIC



PERLA (WALL)
GRIS (FLOOR)

TOSCANA

Toscana, a region in central Italy, is known for its landscapes, history, artistic legacy, and its influence on high culture. Happy Floor's Toscana collection echoes those sentiments with its distinguishing lines and captivating mix of colors. Amber streaks flow throughout all 4 colors of this luxurious line. Another feature of this already expressive collection is its leaf mosaic, which adds a touch of organic flair to an already distinctive collection.



BEIGE LEAF MOSAIC



BIANCO HEXAGON MOSAIC

FORMATS

ALL FORMATS AVAILABLE IN NATURAL FINISH

BIANCO

 24" x 48"	 30" x 30"	 12" x 24" 3" x 24" Bullnose
 2" x 2" Mosaic 12" x 12" Sheet	 3" x 3" Hexagon Mosaic 10" x 11.5" Sheet Net Coverage: 0.8 sqft	 Muretto Mosaic 11" x 15" Sheet Net Coverage: 1.15 sqft
		 Leaf Mosaic 11.5" x 11" Sheet Net Coverage: 0.88 sqft

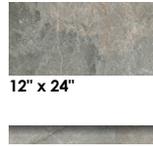
PERLA

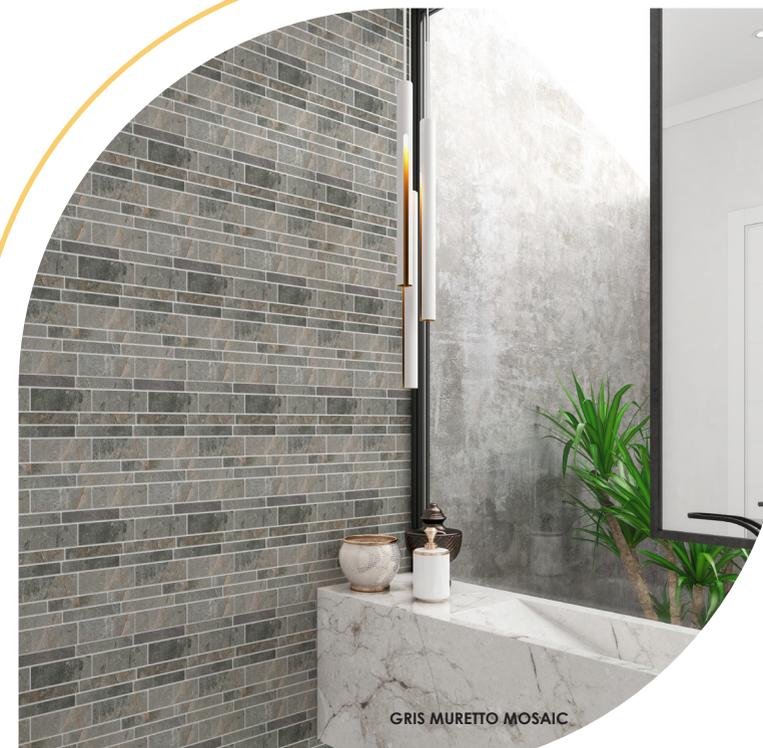
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 24" x 48"	 30" x 30"	 12" x 24" 3" x 24" Bullnose
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		 Leaf Mosaic 11.5" x 11" Sheet Net Coverage: 0.88 sqft

GRIS

 24" x 48"	 30" x 30"	 12" x 24" 3" x 24" Bullnose
 2" x 2" Mosaic 12" x 12" Sheet	 3" x 3" Hexagon Mosaic 10" x 11.5" Sheet Net Coverage: 0.8 sqft	 Muretto Mosaic 11" x 15" Sheet Net Coverage: 1.15 sqft
		 Leaf Mosaic 11.5" x 11" Sheet Net Coverage: 0.88 sqft



GRIS MURETTO MOSAIC