

# Marbles

12x24 Porcelain



04MARVOL1224 (matte)  
04MARVOL1224P (polished)



04MARCAR1224 (matte)  
04MARCAR1224P (polished)



04MARIVO1224 (matte)  
04MARIVO1224P (polished)



2x2 Mosaic



Hexagon Mosaic



04MARGRA1224 (matte)  
04MARGRA1224P (polished)



04MARMAR1224 (matte)  
04MARMAR1224P (polished)



Tile: 12x24 - 24x24 - 24x48

Mosaics: 2x2 - 3" Hexagon

Trim: 3x12 Bullnose

For more information  
and images:





### Technical Characteristics

Specs	Test Method	Industry Standard	Test Result	
Water Absorption	ASTM C373	≤ 0.5%	≤ 0.4%	
Surface Wear Resistance	ANSI A137.1	Surface wear resistance properties of glazed vitreous and porcelain tile.	<b>All Commercial / Residential</b>	
Chemical Resistance	ASTM C650	No tile sample shows visible defects after continuous contact with a variety of chemicals for 24 hours.	<b>Not Affected</b>	
DCOF (Wet)	ANSI A326.3	≥ 0.42	≥ 0.42 (Matte)	
Stain Resistance	ASTM C1378	Surfaces are exposed to staining agents for 24 hours followed by four cleaning procedures.	<b>Not Affected</b>	
Breaking Strength	ASTM C648	≥ 250 lbf	≥ 300 lbf (8 mm); ≥ 400 lbf (10 mm)	
Freeze Resistance	ASTM C1026	No tile sample shows visible defects after repeated processes of freezing and thawing.	<b>Resistant</b>	
Warpage Edge	ASTM C485	± 0.40% or ± 0.05 in (± 1.8 mm)	± 0.40%	<b>Rectified</b>
			± 0.50%	<b>Calibrated</b>
Warpage Diagonal	ASTM C485	± 0.40% or ± 0.07 in (± 1.8 mm)	± 0.40%	<b>Rectified</b>
			± 0.50%	<b>Calibrated</b>
Wedging	ASTM C502	± 0.25% or ± 0.03 in (± 0.8 mm)	± 0.25%	<b>Rectified</b>
			± 0.50%	<b>Calibrated</b>
Thickness	ASTM C499	Range: ± 0.04 in	≤ 0.04 in	
Recycled Content	As reported		≥ 40% Pre-Consumer	

Nominal Size	Actual Size	Thickness	Finish	Rectified
12" x 24"	11.81" x 23.62"	8 mm	Matte or Polished	Yes (Polished)
24" x 24"	23.62" x 23.62"	8 mm	Matte or Polished	Yes (Polished)
24" x 48"	23.62" x 47.24"	8 mm	Matte or Polished	Yes
2" x 2" Mosaic	11.81" x 11.81"	8 mm	Matte or Polished	-
3" Hexagon Mosaic	9.06" x 11.02"	8 mm	Matte or Polished	-
3" x 12" Bullnose	2.95" x 11.81"	8 mm	Matte or Polished	-

Installation Note: The TCNA recommends rectangular shape tile be installed with maximum of 33% offset in order to resolve any possible lippage from one tile to the next.