

Marvel X
Porcelain



Technical Characteristics

Specs	Test Method	Industry Standard	Test Result - Matte	Test Result - Polished	Test Result - Silk
Water Absorption	ASTM C373	Max < 0.5%	≤ 0.5%	≤ 0.5%	≤ 0.5%
Breaking Strength	ISO 10545-4	S ≥ 700N (for thickness < 7.5mm); S ≥ 1300 N (for thickness ≥ 7.5mm)	S ≥ 1500 N; S ≥ 10000 N (Outdoor)	S ≥ 1000 N (6mm); S ≥ 1500 N (9mm); S ≥ 1000 N (9mm 48x48)	S ≥ 1000 N (6mm); S ≥ 1500 N (9mm)
Bending Resistance	ISO 10545-4	R ≥ 35 N/mm²	R ≥ 40 N/mm²; R ≥ 45 N/mm² (Outdoor)	R ≥ 40 N/mm²	R ≥ 40 N/mm²
Impact Resistance	ISO 10545-5	As Reported	≥ 0.55	≥ 0.55	≥ 0.55
Deep Abrasion Resistance	ISO 10545-6	< 175 mm³	≤ 150 mm³	≤ 150 mm³	≤ 150 mm³
Coefficient of Linear Thermal Expansion	ISO 10545-8	As Reported	≤ 7MK ⁻¹	≤ 7MK ⁻¹	≤ 7MK ⁻¹
Thermal Shock Resistance	ISO 10545-9	Test passed in accordance with ISO 10545-1	Resistant	Resistant	Resistant
Moisture Expansion	ISO 10545-10	As Reported	≤ 0.01 %	≤ 0.01 %	≤ 0.01 %
Frost Resistance	ISO 10545-12	Test passed in accordance with ISO 10545-1	Resistant	Resistant	Resistant
Bond Strength	EN 1348	As Reported	≥ 1.0 N/mm²	≥ 1.0 N/mm²	≥ 1.0 N/mm²
Reaction to Fire	-	Class A1 or A1fl	A1 - A1 _{fl}	A1 - A1 _{fl}	A1 - A1 _{fl}
Chemical Resistance - Household and Pool Salts	ISO 10545-13	Min B Class	A	A	A
Chemical Resistance - Acids and Alkalis Low Concentrate		Declared Class	LA	LA	LA
Chemical Resistance - Acids and Alkalis High Concentrate		Declared Class	HA	-	HA
Stain Resistance	ISO 10545-14	As Reported	5	5	5
Dynamic Coefficient of Friction (DCOF)	ANSI A.326.3	-	≥ 0.50 Dry	≥ 0.42 Dry	≥ 0.42 Dry

Nominal Size	Actual Size	Thickness	Finish	Rectified
3" x 12"	2.77" x 11.75"	9 mm	Polished	-
12" x 24"	11.75" x 23.625"	9 mm	Matte or Polished	Yes
24" x 24"	23.625" x 23.625"	9 mm	Matte or Polished	Yes
24" x 48"	23.625" x 47.25"	9 mm	Hammered, Matte or Polished	Yes
30" x 60"	29.5" x 59"	9 mm	Polished or Silk	Yes
48" x 48"	47.25" x 47.25"	9 mm	Polished or Silk	Yes
48" x 96"	47.25" x 94.5"	9 mm	Polished	Yes
48" x 110"	47.25" x 109.5"	6 mm	Polished or Silk	Yes
1" x 3" Herringbone	11.75" x 11.75"	9 mm	Matte	-
1-3/8" x 1-3/8" Mosaic	11.75" x 11.75"	9 mm	Matte	-
2" x 2" Mosaic	11.75" x 11.75"	9 mm	Matte	-
12" x 11" Waterfall Mosaic	12" x 10.875"	9 mm	Polished	-
12" x 14" Esagono Mosaic	11.75" x 13.75" (3.875" x 6.75" piece)	9 mm	Silk	-
14" x 12" Hive Hex Mosaic	14.625" x 12.625"	9 mm	Polished	-
18" x 8" Chevron Mosaic	18.25" x 7.5"	9 mm	Polished	-
24" x 48" Paver	23.625" x 47.25"	20 mm	Hammered	Yes

All tile is subject to variations in technical specifications and performance due to the inherent variables in the raw materials and production process. It is understood that test results on a particular product may vary slightly from tile to tile and from test to test. Test results are not guarantees of minimum or maximum thresholds of performance.
Variation: APU is Moderate; Other colors are High
Trim: See QR code for details on available options.

 For your convenience, these products are stocked in our Central Service Center.


Products. Design. Solutions.

Marvel X
Porcelain



For more information and images: 

Made in Italy
v.10-24

12x24 Porcelain



15MAXAPU1224P (Polished)
15MAXAPU1224 (Matte)



15MAXSUB1224P (Polished)
15MAXSUB1224 (Matte)



15MAXPER1224P (Polished)
15MAXPER1224 (Matte)



15MAXGRA1224P (Polished)
15MAXGRA1224 (Matte)



15MAXFIO1224P (Polished)
15MAXFIO1224 (Matte)

QuickSHIP

Tile: 3x12 - 12x24 - 24x48 (3x12 and 24x48 APU only)

Mosaics: 2x2 - 1x3 Herringbone

Special Order (Import 10-12 Weeks)

Tile: 24x24 - 24x48 - 30x30 - 30x60 - 48x48 - 48x96 - 48x110

Mosaics: 1-3/x1-3/8 - 12x11 Waterfall - 12x14 Esagono - 15x13 Hive Hex - 19x8 Chevron

Trim: 1x1 / 1x48 Corner - 13x13 / 15x15 Angolo - 3x12 Shaped / 3x24 / 3x48 / 3x59

Bullnose 12x24 / 12x48 Gradino - 13x24 / 13x48 / 15x59 Scalino

Outdoor: 20mm 24x48 - 8x48 Alzata - 12x48 Top - 14x48 Costa, Elemento, or Round

Not all colors available in all sizes or finishes; Made in Italy



1-3/8x1-3/8



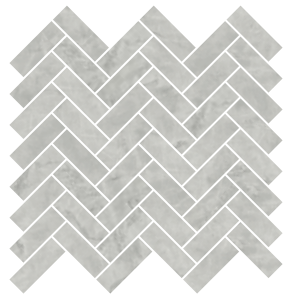
2x2



Esagono



Waterfall



Herringbone



Hive Hex



Chevron*

* Contains gold. The use of a common mild detergent is recommended. Avoid using acidic or alkaline products, waxes, steel wool, or abrasives.

