

NEMO
TILE + STONE
MARVEL



MARVEL



MARVEL



MARVEL COLORS

PORCELAIN TILE



CALACATTA EXTRA



MOON ONYX



CHAMPAGNE ONYX



BEIGE MYSTERY



BRONZE LUXURY



GREY STONE



CALACATTA EXTRA
MOSAICO 2 X 2



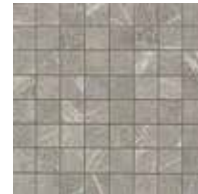
MOON ONYX
MOSAICO 2 X 2



CHAMPAGNE ONYX
MOSAICO 2 X 2



BEIGE MYSTERY
MOSAICO 2 X 2



BRONZE LUXURY
MOSAICO 2 X 2



GREY STONE
MOSAICO 2 X 2



CALACATTA EXTRA
MOSAICO 5/8 x 5/8



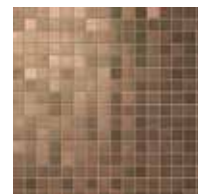
MOON ONYX
MOSAICO 5/8 x 5/8



CHAMPAGNE ONYX
MOSAICO 5/8 x 5/8



BEIGE MYSTERY
MOSAICO 5/8 x 5/8



BRONZE LUXURY
MOSAICO 5/8 x 5/8



GREY STONE
MOSAICO 5/8 x 5/8



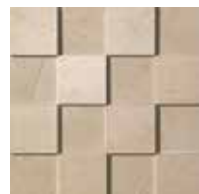
CALACATTA EXTRA
MOSAICO 3D



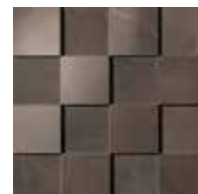
MOON ONYX
MOSAICO 3D



CHAMPAGNE ONYX
MOSAICO 3D



BEIGE MYSTERY
MOSAICO 3D



BRONZE LUXURY
MOSAICO 3D



GREY STONE
MOSAICO 3D



CALACATTA EXTRA
CASSETTONE



MOON ONYX
CASSETTONE



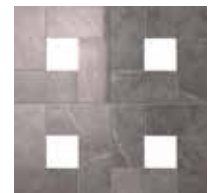
CHAMPAGNE ONYX
CASSETTONE



BEIGE MYSTERY
CASSETTONE



BRONZE LUXURY
CASSETTONE



GREY STONE
CASSETTONE



CALACATTA EXTRA
BROCCATO



CHAMPAGNE ONYX
BROCCATO



BRONZE LUXURY
BROCCATO



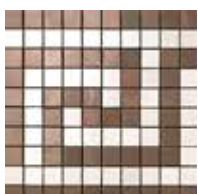
ELEGANCE FASCIA
WARM



ELEGANCE FASCIA
COLD



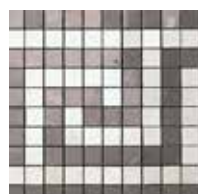
ELEGANCE
ANGOLO WARM



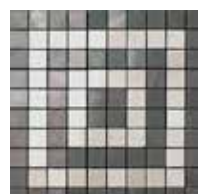
BRONZE/CHAMPAGNE
GRECA MOSAIC



BRONZE/CHAMPAGNE
ANGOLO MOSAIC



BRONZE/MOON
GRECA ANGOLO



GREY/MOON
ANGOLO MOSAIC



ELEGANCE
ANGOLO COLD

SIZE



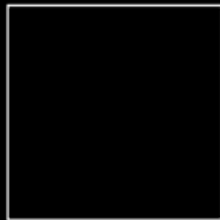
63" x 110"



48" x 110"



48" x 95"



63" x 63"



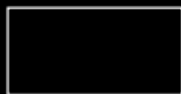
48" x 48"



30" x 60"



30" x 30"



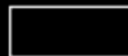
24" x 48"



24" x 24"



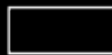
12" x 24"



18" x 36"



20" x 44"
Wall Tile



16" x 32"
Wall Tile



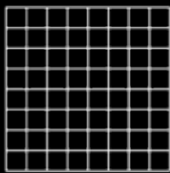
12" x 36"
Wall Tile



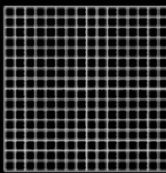
12" x 22"
Wall Tile



3" x 12" Brick Atelier
Wall Tile



11.8" x 11.8"
Matte Mosaic



11.8" x 11.8"
Lappato Mosaic

TRIMS



Bullnose 2 7/8" x 23 5/8"



London 2" x 12"

TECHNICAL FEATURES PORCELAIN TILE



Coloured body porcelain tiles - Rectified monocalibro

Compliant with standards EN 14411:2012 annex G group IIIa
 Conforme alle norme EN 14411:2012 Allegato G gruppo IIIa
 Conforme alla norma ISO 10545-2012 Appendice G gruppo IIIa

Crea porcelanato colorato in massa - Rettificato monocalibro

120x240 cm 47 1/4x94 1/2" ± 0 mm
 120x120 cm 47 1/4x47 1/2" ± 0 mm
 75x75 cm 29 1/2x29 1/2" ± 0 mm
 45x90 cm 17 3/4x35 3/4" ± 0 mm
 30x60 cm 11 3/4x23 1/4" ± 0 mm
 30x30 cm 11 3/4x11 3/4" ± 0 mm

Technical features Caratteristiche tecniche	Test Method Metodo di prova	Requirements for smallest size $N \geq 150$ mm (per dimensioni minime di 150 mm)			MARVEL Floor design	
		mm	mm	mm	Matt	Honed
Regularity Caratteristiche di Regolarità	Length and width Lunghezza e larghezza	± 0.4 mm	± 0.4 mm	± 0.4 mm	± 0.35 mm ± 1.0 mm	± 0.35 mm ± 1.0 mm
	Thickness Spessore	± 0.1 mm	± 0.1 mm	± 0.1 mm	± 0.05 mm ± 0.2 mm	± 0.05 mm ± 0.2 mm
	Smoothness of sides Regolarità Measurement only on short edges when $L \geq 9$ cm (misurare solo sui bordi corti quando $L \geq 9$ cm)	± 0.12 mm	± 0.12 mm	± 0.12 mm	± 0.05 mm ± 0.0 mm	± 0.05 mm ± 0.0 mm
	Surface flatness Pianità	0.4 ± 0.2 mm 0.4 ± 0.2 mm 0.4 ± 0.2 mm	0.4 ± 0.2 mm 0.4 ± 0.2 mm 0.4 ± 0.2 mm	0.4 ± 0.2 mm 0.4 ± 0.2 mm 0.4 ± 0.2 mm	± 0.35 mm ± 1.0 mm	± 0.35 mm ± 1.0 mm
Structural Caratteristiche strutturali	Water absorption (dry to mass) Messa secca assorbita contro la colla massiccia	ISO 10545-3 ASTM C1071	$R_w \leq 0.5\%$ Individual Absorption $R_{w,i} \leq 0.5\%$ Water massiccia singola/colla Requirement ANSI A 132.4 Water absorption max. $\leq 0.5\%$			± 0.1 % ± 0.1 %
	Breaking strength Rottura a trazione Modulus of rupture Resistenza alla flessione	ISO 10545-4	$R \geq 100$ N $R \geq 6.0$ N/mm ²			≥ 100 N ≥ 100 N
Bulk Mechanical Caratteristiche Meccaniche Massicce	Impact resistance, as coefficient of resistance Resistenza all'impatto, espressa come coefficiente di resistenza	ISO 10545-9	Declared value Dichiarare un valore	Test method available Metodo di prova disponibile		± 0.99 ± 0.99
	Surface mechanical Caratteristiche Meccaniche superficiali	EN 12011	≥ 9 MJ/m ²			Setbacks for Confirms 0
Thermal and hydraulic Caratteristiche Termoidrauliche	Resistance to deep abrasion of engined tiles Resistenza all'abrasione profonda delle piastrelle motorizzate (per $L \geq 15$ cm, max. in 100 cm ²)	ISO 10545-9	≥ 175 cm ²			± 150 mm ² ± 150 mm ²
	Coefficient of thermal linear expansion Coefficiente di dilatazione termica lineare	ISO 10545-8	Declared value Dichiarare un valore	Test method available Metodo di prova disponibile		± 7.0°C ± 7.0°C
	Thermal shock resistance Resistenza agli shock termici	ISO 10545-9	Pass according to EN ISO 10545-1 Test superato secondo EN ISO 10545-1	Test method available Metodo di prova disponibile		Resistant Resistente
	Modulus of expansion (in water) Coefficiente di dilatazione in acqua	ISO 10545-10	Declared value Dichiarare un valore	Test method available Metodo di prova disponibile		± 0.15% (in water) ± 0.01% (in water)
Physical Properties Proprietà Fisiche	Frost resistance Resistenza al gelo	ISO 10545-12	Pass according to EN ISO 10545-1 Test superato secondo EN ISO 10545-1	Required Metodo di prova richiesto		Resistant Resistente
	Bond strength (adhesion for improved cementitious adhesives) Adesione a malte con additivi cementizi migliorati	EN 12617	Declared value Dichiarare un valore			≥ 1.0 N/mm ² (classific. - EN 12617)
Chemical Caratteristiche Chimiche	Reaction to fire Reazione al fuoco	EN 13501-1	Class A1 or A1 (Class A1 applies A1)			A1 - A1 A1 - A1
	Resistance to household chemicals and swimming pool salts Resistenza ai prodotti chimici di uso domestico e agli addolcitori per piscine	ISO 10545-13	Minimum Class B (40 for engined tiles) Classa minima B (40 per piastrelle motorizzate)			UA UA
	Resistance to low concentrations of acids and alkalis Resistenza a basse concentrazioni di acidi e alcali		Declared Class Dichiarare una Classe	No substance is to state classification Nessuna sostanza è da classificare		UA UA
	Resistance to high concentrations of acids and alkalis Resistenza ad alte concentrazioni di acidi e alcali		Declared Class Dichiarare una Classe	Test method available Metodo di prova disponibile		UA UA
Resistance to staining for glazed tiles Resistenza alle macchie per piastrelle smaltate	ISO 10545-14	Declared Class Dichiarare una Classe	Test method available Metodo di prova disponibile		± ±	
Safety Caratteristiche di Sicurezza	Barfoot Ramp Test Metodo della rampa a piedi nudi	EN 13813 (ENFSI 2015 Annex A)	Declared value Dichiarare un valore	-		A B
	Shoed Ramp Test Metodo della rampa "scarpe"	EN 13813 (ENFSI 2015 Annex B)	Declared value Dichiarare un valore	-		B1 NO
	Recleaner Friction Test Metodo del Pentalon	ENFSI 2015 Annex C (ENFSI 2015 Annex C)	Declared value Dichiarare un valore	-		Class 1 PTV ≥ 35 Div PTV $\geq 25-35$ Div
	Recleaner Friction Test Metodo del Pentalon	ENFSI 2015 Annex C (ENFSI 2015 Annex C)	Declared value Dichiarare un valore	-		Class 0 PTV ≥ 35 Div PTV $\geq 25-35$ Div
Safety Caratteristiche di Sicurezza	Coefficient of friction (COF) Coefficiente di attrito	BCRA Rep. 06/01	0.11 - 0.25 (dry) or 0.10 (wet) 0.10 - 0.25 (dry) or 0.09 (wet) for wet areas 0.10 - 0.25 (dry) or 0.09 (wet) for wet areas			≥ 0.10 (dry) ≥ 0.09 (wet)
	Dynamic coefficient of friction (DCOF) Coefficiente di attrito dinamico	ANSI A137.1-2012	ANSI A 137.1 Requires a minimum value of 0.42 for commercial areas that are likely to be wet.			≥ 0.42 (wet) ≥ 0.42 (wet)
	Static coefficient of friction (SCOF) Coefficiente di attrito statico	ASTM F963-2007	The Ceramic Tile Institute identifies the slip resistant value SCOF ≥ 0.80			≥ 0.80 (dry) ≥ 0.80 (wet)
Recleaner Friction Test Metodo del Pentalon	ANSI A137.1-2012 Appendix A (Foot & Shovel)	Declared Classification of the polished surface materials according to the Wet Pencil Test			Class P2 Class P0	

1. The porcelain tile is a type of ceramic tile that is made from a mixture of kaolin, quartz, and feldspar, and is fired at a high temperature. It is known for its durability, resistance to stains, and low water absorption. The porcelain tile is a type of ceramic tile that is made from a mixture of kaolin, quartz, and feldspar, and is fired at a high temperature. It is known for its durability, resistance to stains, and low water absorption.

2. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides.

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5. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides.

6. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides.

7. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides.

8. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides.

9. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides.

10. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides. The maximum permitted deviation from the nominal value is ± 0.4 mm for length and width, ± 0.1 mm for thickness, and ± 0.12 mm for the smoothness of sides.

TECHNICAL FEATURES WALL TILE



White Body wall tiles - Rectified monocaliber

Compliant with standards EN 14411:2012 annex L group BIII
Compliant with standards ISO 13006:2012 annex L group BIII
Conforme alla norma EN 14411:2012 Appendice L gruppo BIII
Conforme alla norma ISO 13006:2012 Appendice L gruppo BIII

Rivestimenti in pasta bianca - Rettificato monocalibro

50x110 cm 19 1/4"x43 1/4" ± 0,5 mm
30,5x61,6 cm 12"x24 1/8" ± 0,5 mm
30,5x56 cm 12"x22" ± 0,5 mm
33,5 cm 13 1/4"x12 1/4" ± 0,5 mm

Technical features Caratteristiche tecniche		Test Method Metodo di prova	Requirements for monocaliber N Requisiti per dimensionamento N			MARVEL Wall design			
			T (01 < N < 15 cm)	(16)	(16)	Marvel	Brick		
						N = 6 cm		N = 31,6 cm	
Regularity Caratteristiche di regolarità	Length and width Lunghezza e larghezza	ISO 10545-2	± 0,75 mm	± 0,5 mm	± 0,6 mm	± 0,3%	± 0,75 mm	± 0,3%	± 1,0 mm
	Tolerances Scostanze		± 0,5 mm	± 0,1 mm	± 0,5 mm	± 0,6 mm	± 0,5 mm		
	Straightness of sides Rettifinità degli spigoli		± 0,5 mm	± 0,3 mm	± 1,5 mm	± 0,3%	± 0,5 mm	± 0,3%	± 0,8 mm
	Rectangularity Circonarietà		± 0,75 mm	± 0,5 mm	± 2,0 mm	± 0,3%	± 0,75 mm	± 0,3%	± 1,5 mm
Surface flatness Pianità	ISO 10545-2	c.c. ± 0,75 - 0,50	c.c. ± 0,5 - 0,3	c.c. ± 2,0 - 1,5	± 0,3%	± 0,75-0,50 mm		± 0,3%	± 1,0 mm
		w.c. ± 0,75 - 0,50	w.c. ± 0,5 - 0,3	w.c. ± 2,0 - 1,5		± 0,75-0,50 mm			
		w ± 0,75	w ± 0,5	w ± 2,0		± 0,75 mm			
Structural Characteristics Caratteristiche Strutturali	Water absorption (w% by mass) Masse d'acqua assorbita (come % della massa)	ISO 10545-6	Average > 10%. When the average > 20%, this shall be indicated. Media > 10%. Se questo valore > 20%, deve essere indicato. Valore Singolo > 2%			10% < E _a < 20 %			
			Bulk Mechanical Characteristics Caratteristiche Meccaniche Massive	ISO 10545-4	Breaking strength Sforzo di rottura	R ≥ 900 N		R ≥ 900 N	
Modulus of rupture Resistenza alla flessione	R = 15 MPa min				R = 15 MPa min				
Thermal and Igrometric Characteristics Caratteristiche Termico-Igrometriche	Coefficient of thermal linear expansion Coefficiente di dilatazione termica lineare	ISO 10545-8	Declared value Dichiarare un valore		Test method available Metodo di prova disponibile		± 7 MC		
			Thermal shock resistance Resistenza agli sbalzi termici	ISO 10545-9	Declared value Dichiarare un valore		Test method available Metodo di prova disponibile		Resistant Resistente
	Moisture expansion (in mm/m) Dilatazione all'umidità (in mm/m)	ISO 10545-10			Declared value Dichiarare un valore		Test method available Metodo di prova disponibile		≤ 0,06% (0,6 mm/m)
			Cracking resistance Resistenza al crepito	ISO 10545-11	Pass according to EN ISO 10545-1 Test superato in accordo con ISO 10545-1		Required Metodo di prova richiesto		Resistant Resistente
Physical Properties Proprietà Fisiche	Bond strength/adhesion for improved cementitious adhesives Adesione di trazione con adesivi cementizi migliorati	EN 1396			Declared value Dichiarare un valore		-		≥ 1,0 N/mm ² (Class C2 - EN 12004)
			Reaction to fire Reazione al fuoco	-	Class A1 or A1, Class A1 oppure A1,		-		A1
Chemical Characteristics Caratteristiche chimiche	Resistance to household chemicals and swimming pool salts Resistenza ai prodotti chimici di uso domestico ed agli acidi per piscina	ISO 10545-13			Minimum Class 0 (00 for glazed tiles) Classe minima 0 (00 per ceramiche smaltate)			0A	
			Resistance to low concentrations of acids and alkalis Resistenza a basse concentrazioni di acidi e alcali	Declared Class Dichiarare una Classe	Test method available Metodo di prova disponibile		GLA		
	Resistance to high concentrations of acids and alkalis Resistenza ad alte concentrazioni di acidi e alcali	Declared Class Dichiarare una Classe			Test method available Metodo di prova disponibile		GHA		
			Resistance to staining for glazed tiles Resistenza alle macchie per ceramiche smaltate	ISO 10545-14	Minimum Class 1 Classe 1 minima			5	
	Release of dangerous substances: Cadmium (in mg/dm ²) and Lead (in mg/dm ²) Cadmio (in mg/dm ²) e Piombo (in mg/dm ²)	ISO 10545-15			Declared value Dichiarare un valore		Test method available Metodo di prova disponibile		≤ 0,1 mg/dm ² Cd ≤ 0,1 mg/dm ² Pb

* The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from work size (M). Deviazione ammissibile, in % oppure mm, della dimensione media di ogni piastrella (2 oppure 4 lati) dalla dimensione di fabbricazione (M).
 ** The permissible deviation, in % or mm, of the average thickness for each tile from the work size (M). Deviazione ammissibile, in % oppure mm, dello spessore medio di ogni piastrella dallo spessore nominale di fabbricazione (M).
 *** The maximum permissible deviation from straightness, in % or mm, related to the corresponding work size (M). Deviazione massima ammissibile di rettilineità, in % oppure mm, in rapporto alla dimensione di fabbricazione (M) corrispondenti.
 **** The maximum permissible deviation from squareness, in % or mm, related to the diagonal calculated from the work size (M). Deviazione massima ammissibile della quadratura del cerchio, in % oppure mm, in rapporto alla diagonale calcolata secondo le dimensioni di fabbricazione (M).
 ***** The maximum permissible deviation from edge curvature, in % or mm, related to the corresponding work size (M). Deviazione massima ammissibile della curvatura dello spigolo, in % oppure mm, in rapporto alla dimensione di fabbricazione (M) corrispondenti.
 * The maximum permissible deviation from surface, in % or mm, related to diagonal calculated from the work size (M). Deviazione massima ammissibile dello smaltamento, in % oppure mm, in rapporto alla diagonale calcolata secondo le dimensioni di fabbricazione (M).



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