

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



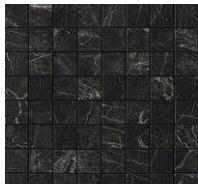
CHAMPAGNE ONYX
MOSAICO 2 X 2



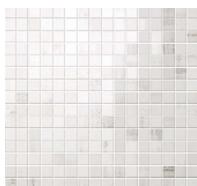
BEIGE MYSTERY
MOSAICO 2 X 2



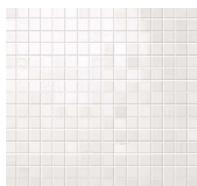
BRONZE LUXURY
MOSAICO 2 X 2



GREY STONE
MOSAICO 2 X 2



CALACATTA EXTRA
MOSAICO 5/8 x 5/8



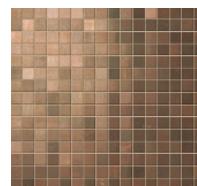
MOON ONYX
MOSAIC 5/8 x 5/8



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



BONZE LUXURY
BROCCATO



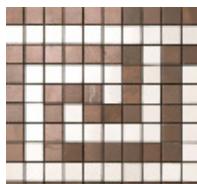
ELEGANCE FASCIA
WARM



ELEGANCE FASCIA
COLD



ELEGANCE
ANGOLO WARM



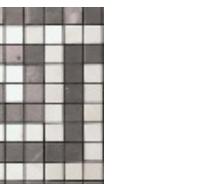
BRONZE/CHAMPAGNE
GRECA MOSAIC



BRONZE/CHAMPAGNE
ANGOLO MOSAIC



BRONZE/MOON
GRECA ANGOLO



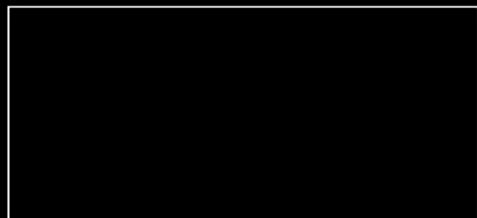
GREY/MOON
ANGOLO MOSAIC



ELEANCE
ANGOLO COLD

MARVEL

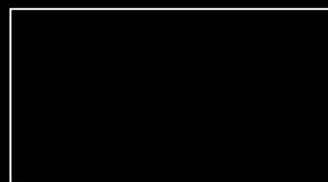
SIZE



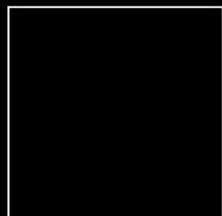
63" x 110"



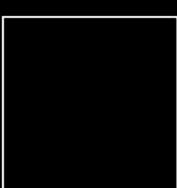
48" x 110"



48" x 95"



63" x 63"



48" x 48"



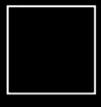
30" x 60"



30" x 30"



24" x 48"



24" x 24"



12"x24"



20"x44"
Wall Tile



16"x32"
Wall Tile



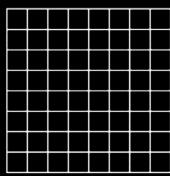
12" x 36"
Wall Tile



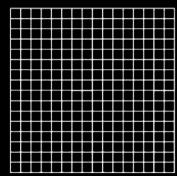
12" x 22"
Wall Tile



3" x 12" Brick Atelier
Wall Tile

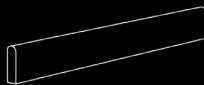


11.8" x 11.8"
Matte Mosaic



11.8" x 11.8"
Lappato Mosaic

TRIMS



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



London 2" x 12"

V2 Variation

MARVEL

TECHNICAL FEATURES PORCELAIN TILE



Coloured body porcelain tiles - Rectified monocaliber

Compliant with standards EN 14411:2012 annex G group B1a
Compliant with standards ISO 13006:2012 annex G group B1a
Conforme alle norme EN 14411:2012 Appendice G, gruppo B1a
Conforme alla norma ISO 13006:2012 Appendice G, gruppo B1a

Gres porcellanato colorato in massa - Rettificato monocalibro

120x240 cm 47°/V49/19° ± 5 mm 45x90 cm 17°/V35/7° ± 10 mm
120x240 cm 47°/V47/V6° ± 5 mm 50x90 cm 23°/V23/V1° ± 10 mm
75x75 cm 29°/V29/V1° ± 4 mm 30x90 cm 11°/V23/V1° ± 10 mm

Technical features Caratteristiche tecniche	Test Method Metodo di prova	Requirements for nominal size N / Requirements per dimension nominale N
Length and width Lunghezza e larghezza		70x50 cm N < 15 cm ± 0,9 mm ± 0,9 mm ± 0,9 mm ± 0,9 mm
Thickness Spessore	ISO 10545-2	± 0,9 mm ± 0,9 mm ± 0,9 mm ± 0,9 mm
Smoothness of edges Rettificato degli spigoli		± 0,9 mm ± 0,9 mm ± 0,9 mm ± 0,9 mm
Rectangularity Rettangolarità Squareness only on short edges within L/2 x 1/3 Deltaplano Dimensione da consumare solo sui lati corti (quadri L/2 x 1/3)		± 0,9 mm ± 0,9 mm ± 0,9 mm ± 0,9 mm
Surface flatness Pianità	ISO 10545-2	0,0 ± 0,9 0,0 ± 0,9 0,0 ± 0,9 0,0 ± 0,9
		EN 14411 annex G (Group B1a) EN 14411 appendice G (Gruppo B1a) ISO 13006 annex G (Group B1a) ISO 13006 appendice G (Gruppo B1a)
Structural Characteristics Caratteristiche strutturali	ISO 10545-3 ASTM C373	$E_u = 0,5\%$ Individual Maximum 0,6% $E_u < 0,5\%$ valore massimo singolo 0,5%
Bulk Mechanical Characteristics Caratteristiche meccaniche meccaniche superficiali	ISO 10545-4 ASTM C373	Requirement ANSI A 102.4 Water absorption max. = 0,5%
Surface mechanical Characteristics Caratteristiche meccaniche superficiali	EN 1011 ISO 10545-6	8 ≥ 1000 N ≥ 1000 N ≥ 40 N/mm² ≥ 40 N/mm²
Thermal and Acoustic Characteristics Caratteristiche termico-acustiche	ISO 10545-8 ISO 10545-9 ISO 10545-10 ISO 10545-12	Declared value Dichiarazione di valore Declared value Dichiarazione di valore Declared value Dichiarazione di valore Pass according to EN ISO 10545-8 Test superiore in accordo con ISO 10545-8 Pass according to EN ISO 10545-9 Test superiore in accordo con ISO 10545-9 Pass according to EN ISO 10545-10 Test superiore in accordo con ISO 10545-10 Pass according to EN ISO 10545-12 Test superiore in accordo con ISO 10545-12
Physical Properties Proprietà fisiche	EN 1048 -	Method of proof available Metodo di prova disponibile Method of proof available Metodo di prova disponibile Required Metodo di prova richiesto
Chemical Characteristics Caratteristiche chimiche	ISO 10545-13	Declared class Dichiarata in classe Declared class Dichiarata in classe Minimum Class B (VB for unglazed tiles) Classe minima B (VB per piastrelle non smaltate)
Safety Characteristics (S) Caratteristiche di sicurezza (S)	DIN 51067 (CEMNTS 96/185, Annex A) DIN 51130 (CEMNTS 96/185, Annex B) UNE-EN 13323 (CEMNTS 96/185, Annex D) BS 7529-2002 (CEMNTS 96/185, Annex D)	Declared class Dichiarata in classe Manufacturer is to state classification Secondo la classificazione indicata dal fabbricante Declared class Dichiarata in classe Test method available Metodo di prova disponibile
Safety Characteristics Caratteristiche di sicurezza	EN 12907 ANSI A133r, I-20-12 ASTM C1029-2007 AS/NZS 4388-2018 Appendix A (Rubber)	0,46-0,56 m/s 40-52 cm/s μ ≤ 0,4 per elemento dove viene calcolata la gomma durea μ ≤ 0,6 per elemento dove viene calcolata la gomma dura μ ≤ 0,6 per elementi con una gomma dura

MARVEL Floor design

Matt	Honed
≤ 0,98 ± 1,0 mm	≤ 0,98 ± 1,0 mm
≤ 0,98 ± 0,5 mm	≤ 0,98 ± 0,5 mm
≤ 0,98 ± 0,8 mm	≤ 0,98 ± 0,8 mm
≤ 0,98 ± 1,5 mm	≤ 0,98 ± 1,5 mm
≤ 0,98 ± 1,8 mm	≤ 0,98 ± 1,5 mm
≤ 0,1%	≤ 0,1%
≤ 0,5%	≤ 0,5%
≥ 1000 N	≥ 1000 N
≥ 40 N/mm²	≥ 40 N/mm²
≤ 0,98	≤ 0,98
≥ 0,98	≥ 0,98
≤ 150 mm²	≤ 150 mm²
≤ 1 MΩ	≤ 1 MΩ
Resistant	Resistant
Resistant	Resistant
≤ 0,1% (0,1mm)	≤ 0,1% (0,1mm)
Resistant	Resistant
AT - AT _d	AT - AT _d
UA	UA
LLA	LLA
UHA	-
S	S
A	0
R9	NC
Class 1	Class 0
PTV > 30 Dry PTV = 20-30 Wet	PTV > 30 Dry PTV = 20-30 Wet
> 0,40 Astab. 80 > 0,40 Decrab.	> 0,40 Astab. 80 > 0,40 Decrab.
> 0,42 Wet	> 0,42 Wet
≤ 0,50 Dry ≤ 0,60 Wet	≤ 0,50 Dry ≤ 0,60 Wet
Class P2	Class P0

For further details, see the end of the chapter "Technical features" page 10.

Technical features, all dimensions, data, descriptions, values, photographs, figures, tables, drawings, information, tables, diagrams, graphs, legends and other data contained in this document are provided for reference purposes only. They do not constitute, however, part of the offer or contract, unless otherwise specified in the relevant specification sheet or contract.

The technical deviation is the difference between the declared value and the measured value. The tolerance deviation is the range within which the measured value may deviate from the declared value. The maximum permissible deviation is 5% of the declared value. For example, if a declared value of 100 mm has a tolerance deviation of +/- 5% (allowing a maximum deviation of +/- 5 mm), the maximum permissible deviation is 95 mm and the minimum permissible deviation is 105 mm.

Technical deviations are calculated by dividing the declared value by 100 and multiplying by 100 plus or minus the tolerance deviation.

The maximum permissible deviation from declared values is 5% of the declared value. For example, if a declared value of 100 mm has a tolerance deviation of +/- 5%, the maximum permissible deviation from the declared value is +/- 5 mm.

The maximum permissible deviation from declared values is 10% of the declared value. For example, if a declared value of 100 mm has a tolerance deviation of +/- 10%, the maximum permissible deviation from the declared value is +/- 10 mm.

The maximum permissible deviation from declared values is 15% of the declared value. For example, if a declared value of 100 mm has a tolerance deviation of +/- 15%, the maximum permissible deviation from the declared value is +/- 15 mm.

The maximum permissible deviation from declared values is 20% of the declared value. For example, if a declared value of 100 mm has a tolerance deviation of +/- 20%, the maximum permissible deviation from the declared value is +/- 20 mm.

TECHNICAL FEATURES

WALL TILE



White Body wall tiles - Rectified monocaliber

Compliant with standard EN 14411:2012 annex L group BIII
Compliant with standard 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

90x10 cm 10° / 4x31° $\pm 4,5$ mm
90,5x9,5 cm 10°/22° $\pm 4,5$ mm
8x31,5 cm 3° / 9x12°/W $\pm 4,5$ mm

Technical features Caratteristiche tecniche	Test Method Metodo di prova	Requirements for nominal size N Requisiti per dimensione nominale N			MARVEL Wall design Progetto parete MARVEL	
		Nominal size N Dimensione nominale N				
		N<10 cm In mm	N=10 cm In mm	N>10 cm In mm		
Regularity Characteristics Caratteristiche di Regolarità	Length and width Lunghezza e larghezza	$\pm 0,75\%$	$\pm 0,75\%$	$\pm 0,75\%$	Marble N=6 cm $\pm 0,35\%$ $\pm 0,6$ mm	
		$\pm 0,5\%$	$\pm 0,75\%$	$\pm 0,75\%$	Brick N=10,5 cm $\pm 0,75\%$ $\pm 0,6$ mm	
		$\pm 0,5\%$	$\pm 0,75\%$	$\pm 0,75\%$	$\pm 0,75\%$ $\pm 0,6$ mm	
		$\pm 0,75\%$	$\pm 0,75\%$	$\pm 0,75\%$	$\pm 0,75\%$ $\pm 0,6$ mm	
	Thickness Sottilità Sottolinea Rectangularity Circonferenza	$\pm 0,15\%$	$\pm 0,20\%$	$\pm 0,20\%$	$\pm 0,35\%$ $\pm 0,6$ mm	
		$\pm 0,15\%$	$\pm 0,20\%$	$\pm 0,20\%$	$\pm 0,35\%$ $\pm 0,6$ mm	
		$\pm 0,15\%$	$\pm 0,20\%$	$\pm 0,20\%$	$\pm 0,35\%$ $\pm 0,6$ mm	
	Surface flatness Pianità Pianità	$\leq 0,75$ mm $\leq 0,75$ mm $\leq 0,75$ mm	$\leq 0,75$ mm $\leq 0,75$ mm $\leq 0,75$ mm	$\leq 0,75$ mm $\leq 0,75$ mm $\leq 0,75$ mm	$\pm 0,75-0,90$ mm $\pm 0,75-0,90$ mm $\pm 0,75$ mm	
		EN 14411 annex L (Group BIII) EN 14411 Appendix L (Gruppo BIII)			$\pm 0,75-0,90$ mm $\pm 0,75-0,90$ mm $\pm 0,75$ mm	
		ISO 13006 annex L (Group BIII) ISO 13006 Appendix L (Gruppo BIII)			$\pm 0,75-0,90$ mm $\pm 0,75-0,90$ mm $\pm 0,75$ mm	
Structural Characteristics Caratteristiche Strutturali	Water absorption Assorbimento acqua Assorbimento d'acqua (come % del massimo)	ISO 10546-8	Average >10%. When the average > 20%, this shall be indicated. Media >10 %. Se l'averagge > 20% deve essere indicata. Media >10 %. Se la media > 20%, deve essere indicata. Valore Singolo > 6%	Individual value > 9% Valore Singolo > 6%	10% < E _d < 20%	
			Individual value > 9% Valore Singolo > 6%			
Bulk Mechanical Characteristics Caratteristiche Meccaniche Massive	Breaking strength Forza di rottura Forza di rottura	ISO 10546-4	900 N	900 N	≥ 900 N	
			R = 15 N/mm ²	R = 15 N/mm ²		
Thermal and Igrometric Characteristics Caratteristiche Termo-igrometriche	Coefficient of thermal linear expansion Coeficiente di dilatazione termica lineare	ISO 10546-6	Declared value Dichiarato un valore	Test method available Metodo di prova disponibile	≥ 2 MCI	
	Thermal shock resistance Resistenza agli sbalzi termici	ISO 10546-9	Declared value Dichiarato un valore	Test method available Metodo di prova disponibile	Resistant Resistente	
	Moisture expansion (in mm/m) Dilatazione attimida (in mm/m)	ISO 10546-10	Declared value Dichiarato un valore	Test method available Metodo di prova disponibile	≤ 0,08% (0,8mm/m)	
	Crazing resistance Resistenza al cavolo	ISO 10546-11	Pass according to EN ISO 10546-1 Test superiore in accordo con ISO 10546-1	Required Metodo di prova richiesto	Resistant Resistente	
Physical Properties Proprietà fisiche	Bond strength/tightening for improved ceramicitious adhesives Adesione a legante ceramico adesivo migliorato	EIN 1896	Declared value Dichiarato un valore	-	≥ 10 N/mm ² (Class C2 - EN 12004)	
	Reaction to fire Reazione al fuoco	-	Class A1 or A2 _s Classe A1 oppure A2 _s	-	A1	
Chemical Characteristics Caratteristiche Chimiche	Resistance to household chemicals and swimming pool salts Resistenza ai prodotti chimici di uso domestico ed agli ioduri per piscina	ISO 10546-12	Minimum Class B (GB for glazed tiles) Classe minima B (GB per piastrelle smaltate)	-	GA	
			Declared Class Dichiarata una Classe	Test method available Metodo di prova disponibile	GLA	
			Declared Class Dichiarata una Classe	Test method available Metodo di prova disponibile	GHA	
	Resistance to staining for glazed tiles Resistenza alle macchie piastrelle smaltate	ISO 10546-14	Minimum Class A Classe A minima	-	S	
	Release of dangerous substances: Cadmium (in mg/dm ²) and Lead (in mg/dm ²) Rilascio di sostanze pericolose: Cadmio (in mg/dm ²) e Piombo (in mg/dm ²)	ISO 10546-15	Declared value Dichiarato un valore	Test method available Metodo di prova disponibile	≤ 0,01 mg/dm ² Cd ≤ 0,1 mg/dm ² Pb	

* The permissible deviation, in %, of the average size for each N (or 4 sizes) from work size N. Consider onemissible, in %, of the average size for each N (or 4 sizes) from work size N. Consider onemissible, in %, of the average size for each N (or 4 sizes) from work size N.

** The maximum permissible deviation, in %, or mean, of the average size for each N (or 4 sizes) from work size N. Consider onemissible, in %, of the average size for each N (or 4 sizes) from work size N.

*** This is a maximum permissible deviation from rectangularity in % of mm, related to the corresponding work size N. Consider onemissible, in %, of the average size for each N (or 4 sizes) from work size N.

**** The maximum permissible deviation from rectangularity in % of mm, related to the corresponding work size N. Consider onemissible, in %, of the average size for each N (or 4 sizes) from work size N.

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NEMO
TILE + STONE
MARVEL