NEMO
TILE + STONE

MARVEL PRO



MARVEL PRO



MARVEL PRO

COLORS


STATUARIO SELECT

CREMO DELICATO


TRAVERTINO ALABASTRO


TRAVERTINO SILVER


GREY FLEURY


NOIR ST. LAURENT

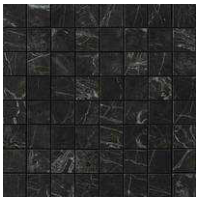

STATUARIO SELECT MOSAICO 2 X 2


CREMO DELICATO MOSAICO 2 X 2


TRAVERTINO ALABASTRINO MOSAICO 2 X 2


TRAVERTINO SILVER MOSAICO 2 X 2


GREY FLEURY MOSAICO 2 X 2

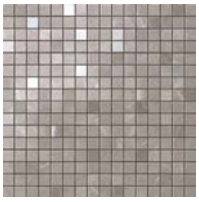

NOIR ST. LAURENT MOSAICO 2 X 2


STATUARIO SELECT MOSAICO 5/8 x 5/8


CREMO DELICATO MOSAIC 5/8 x 5/8


TRAVERTINO ALABASTRINO MOSAICO 5/8 x 5/8


TRAVERTINO SILVER MOSAICO 5/8 x 5/8


GREY FLEURY MOSAICO 5/8 x 5/8


NOIR ST. LAURENT MOSAICO 5/8 x 5/8


STATUARIO SELECT MOSAICO 3D


CREMO DELICATO MOSAICO 3D


TRAVERTINO ALABASTRINO MOSAICO 3D


TRAVERTINO SILVER MOSAICO 3D


GREY FLEURY MOSAICO 3D


NOIR ST. LAURENT MOSAICO 3D


STATUARIO SELECT ESAGONO


CREMO DELICATO ESAGONO


TRAVERTINO ALABASTRINO ESAGONO


TRAVERTINO SILVER ESAGONO


GREY FLEURY ESAGONO

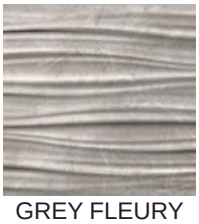

NOIR ST. LAURENT ESAGONO


STATUARIO SELECT RIBBON


CREMO DELICATO RIBBON


TRAVERTINO ALABASTRINO DIAGONAL MOSAIC


TRAVERTINO SILVER DIAGONAL MOSAIC


GREY FLEURY RIBBON


NOIR ST. LAURENT RIBBON

MARVEL PRO



CREMO MIX
DIAGONAL MOSAIC



COLD
ESAGONO



WARM
ESAGONO



ELEGANCE
FASCIA



GREY DIAGONAL
MOSAIC



NOIR MIX
DIAGONAL MOSAIC



ELEGANCE
ANGOLO



NOIR ANGOLO
MOSAICO



NOIR GRECO
MOSAICO

*Not all colors are available in all sizes, please contact sales representative for futher information



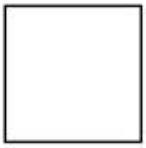
V2

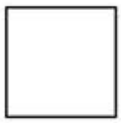
Slight Variation

MARVEL PRO

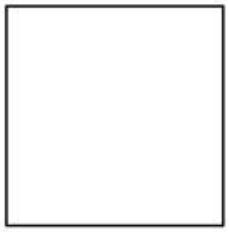
Porcelain Tiles
Floor and Wall Use


30x60


30x30


24x24

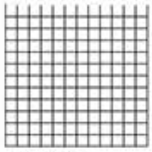

12x24

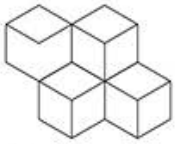

48x48

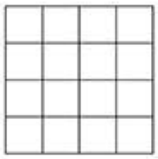

48x95

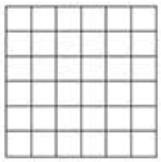

24x48

Porcelain Mosaics
Floor & Wall Use

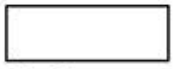

5/8x5/8 on
12x12 Polished
Mosaic


12x14
Polished
Esagono Mosaic


12x12
3D Mosaico


2x2 in 12x12
Matte Mosaic

Ceramic Tiles
Wall Use Only


12x36

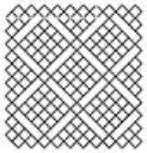

3x12
*Statuario Select and Noir St. Laurent only

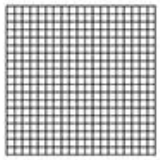

20x44


16x32

Ceramic Mosaics
Wall Use Only


12x12
Net Mosaic


12x12
Diagonal Mosaic


5/8x5/8 on
12x12 Mosaic

Trims


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

MARVEL PRO

MARVEL PRO Floor

COLOURED BODY PORCELAIN TILES - RECTIFIED MONOCALIBER
COLORED IN BODY GRES PORCELLANATO - RECTIFIED MONOCALIBER
Conforme alla norma EN 14411 (ISO 13006) Appendice G gruppo BIa
Conforme alla norma EN 14411 (ISO 13006) Appendice G gruppo BIa

Sizes Sizes	**120x240 cm** 47 1/4"x94 1/2" 9mm	**75x150 cm** 29 1/2"x59" 9.5mm	**120x120 cm** 47 1/4"x47 1/4" 9mm	**45x90 cm** 17 3/4"x35 3/8" 9.5mm	**75x75 cm** 29 1/2"x29 1/2" 9.5mm	**60x60 cm** 23 5/8"x23 5/8" 9.5mm	**30x60 cm** 11 3/4"x23 5/8" 9.5mm	**45x90 cm** 17 3/4"x35 3/8" Lastra 20 20mm	**60x60 cm** 60x60 cm Lastra 20 20mm

TECHNICAL FEATURES / TECHNICAL FEATURES				**Requisiti per dimensione nominale N** Requisiti per dimensione nominale N			**MARVEL PRO FLOOR**				
				7 cm ≤ N < 15 cm	N ≥ 15 cm		Honed	Satin	Matt	Textured	Textured 20
				(mm)	(%)	(mm)					
Regularity features		**Length and width** Length and width	ISO 10545-2	± 0,9 (*)	± 0,6 (*)	± 2,0 (*)	±0.3% ±1.0mm	±0.3% ±1.0mm	±0.3% ±1.0mm	±0.3% ±1.0mm	±0.3% ±1.0mm
		Thickness Thickness		± 0,5 (**)	± 5 (**)	± 0,5 (**)	±5.0% ±0.5mm	±5.0% ±0.5mm	±5.0% ±0.5mm	±5.0% ±0.5mm	±5.0% ±0.5mm
		Straightness of sides Straightness of sides		± 0,5 (**)	± 5 (**)	± 0,5 (**)	±0.3% ±0.8mm	±0.3% ±0.8mm	±0.3% ±0.8mm	±0.3% ±0.8mm	±0.3% ±0.8mm
		Ortogonalità (Misurazione da condurre solo sui lati corti quando ≥ L/l 3) Ortogonalità (Misurazione da condurre solo sui lati corti quando ≥ L/l 3)		± 0,5 (**)	± 5 (**)	± 0,5 (**)	±0.3% ±1.5mm	±0.3% ±1.5mm	±0.3% ±1.5mm	±0.3% ±1.5mm	±0.3% ±1.5mm
		Surface flatness Surface flatness		c.c. ± 0,75	c.c. ± 0,5	c.c. ± 2,0	±0.3% ±1.5mm	±0.3% ±1.5mm	±0.4% ±1.8mm	Not applicable	Not applicable
				e.c. ± 0,75	e.c. ± 0,5	e.c. ± 2,0					
				w. ± 0,75	w. ± 0,5	w. ± 2,0					
				EN 14411 appendice G (Gruppo BIa) EN 14411 appendice G (Gruppo BIa)	**ISO 13006 appendice G (Gruppo BIa)** ISO 13006 appendice G (Gruppo BIa)						
Structural features		**Water absorption level** Water absorption level	ISO 10545-3	**EW≤ 0,5% Individual max 0,6%** EW≤ 0,5% Valore max singolo 0,6%			≤0.1%	≤0.1%	≤0.1%	≤0.1%	≤0.1%
Bulk mechanical features		**Breaking strength** Breaking strength	ISO 10545-4	S ≥ 1300 N			S ≥1500 N	S ≥1500 N	S ≥1500 N	S ≥1500 N	S ≥10000 N
		Modulus of Rupture Modulus of Rupture		R ≥ 35 N/mm2			R ≥40 N/mm^2	R ≥40 N/mm^2	R ≥40 N/mm^2	R ≥40 N/mm^2	R ≥45 N/mm^2
		Resistenza all'impatto, espresso come coefficiente di restituzione Resistenza all'impatto, espresso come coefficiente di restituzione	ISO 10545-5	**Declare a value** Dichiarare un valore	**Metodo di prova disponibile** Metodo di prova disponibile		≥0.55	≥0.55	≥0.55	≥0.55	≥0.55
Surface mechanical features		**Mohs hardness** Mohs hardness	EN 101 (1)	S ≥ 1300 N			MOHS 5	MOHS 5	MOHS 6	MOHS 7	MOHS 8
		Resistenza all'abrasione profonda delle piastrelle non smaltate (volume materiale asportato) Resistenza all'abrasione profonda delle piastrelle non smaltate (volume materiale asportato)	ISO 10545-6	≤ 175 mm3			≤150mm^3	≤150mm^3	≤150mm^3	≤150mm^3	≤150mm^3
Thermo-igrometric features		**Linear Thermal Expansion Coefficient** Linear Thermal Expansion Coefficient	ISO 10545-8	**Declare a value** Dichiarare un valore	**Metodo di prova disponibile** Metodo di prova disponibile		≤7 1/mk	≤7 1/mk	≤7 1/mk	≤7 1/mk	≤7 1/mk
		Thermal shock resistance Thermal shock resistance	ISO 10545-9	**Test superato in accordo con ISO 10545-1** Test superato in accordo con ISO 10545-1	**Metodo di prova disponibile** Metodo di prova disponibile		Resiste	Resiste	Resiste	Resiste	Resiste
		Expansion due to humidity (mm/m) Dilatazione all'umidità (in mm/m)	ISO 10545-10	**Declare a value** Dichiarare un valore	**Metodo di prova disponibile** Metodo di prova disponibile		≤0.01% (0.1mm/m)	≤0.01% (0.1mm/m)	≤0.01% (0.1mm/m)	≤0.01% (0.1mm/m)	≤0.01% (0.1mm/m)
		Frost resistance Frost resistance	ISO 10545-12	**Test superato in accordo con ISO 10545-1** Test superato in accordo con ISO 10545-1	**Metodo di prova richiesto** Metodo di prova richiesto		Resiste	Resiste	Resiste	Resiste	Resiste
Physical properties		**Bond Strength** Bond Strength	EN 1348	**Declare a value** Dichiarare un valore	-		≥1.0 N/mm^2 (Class C2 - EN 12004)	≥1.0 N/mm^2 (Class C2 - EN 12004)	≥1.0 N/mm^2 (Class C2 - EN 12004)	≥1.0 N/mm^2 (Class C2 - EN 12004)	≥1.0 N/mm^2 (Class C2 - EN 12004)
		Reaction to fire Reaction to fire	-	**Class A1 or A1 fl** Classe A1 oppure A1 fl	-		A1 - A1$_{fl}$	A1 - A1$_{fl}$	A1 - A1$_{fl}$	A1 - A1$_{fl}$	A1 - A1$_{fl}$
Chemical features		**Resistance to household chemicals and swimming pool salts** Resistance to household chemicals and swimming pool salts	ISO 10545-13	**Classe minima B (U per piastrelle non smaltate)** Classe minima B (U per piastrelle non smaltate)			UA	UA	UA	UA	UA
		Resistance to low concentrations of acids and alkalis Resistance to low concentrations of acids and alkalis		**Declare a class** Dichiarare una classe	**Secondo la classificazione indicata dal fabbricante** Secondo la classificazione indicata dal fabbricante		ULA	ULA	ULA	ULA	ULA
		Resistance to high concentrations of acids and alkalis Resistance to high concentrations of acids and alkalis		**Declare a class** Dichiarare una classe	**Metodo di prova disponibile** Metodo di prova disponibile		0	0	UHA	UHA	UHA
		Stain resistance Stain resistance	ISO 10545-14	**Declare a class** Dichiarare una classe	**Metodo di prova disponibile** Metodo di prova disponibile		UA	UA	UA	UA	UA
Safety features		**Barefoot Ramp Test** Barefoot Ramp Test	DIN 51097	**Declare a value** Dichiarare un valore	-		0	0	A	A+B	A+B+C
		Shod Ramp Test Shod Ramp Test	DIN 51130	**Declare a value** Dichiarare un valore	-		0	0	R9	R11	R11
		Pendulum Friction Test Pendulum Friction Test	UNE-ENV 12633 BS 7976-2002	**Declare a value** Dichiarare un valore	-		Class0 PTV >36Dry PTV <24 Wet	Class0 PTV >36Dry PTV <24 Wet	Class1 PTV >36Dry PTV =25÷35 Wet	Class3 PTV >36Dry PTV >36Wet	Class3 PTV >36Dry PTV >36Wet
Safety features		**Coefficiene di attrito** Coefficiene di attrito	B.C.R.A. Rep. CEC/81				>0.40Asciutto <0.40Bagnato	>0.40Asciutto <0.40Bagnato	>0.40Asciutto >0.40Bagnato	>0.40Asciutto >0.40Bagnato	>0.40Asciutto >0.40Bagnato
		Dynamic Coefficent of Friction Dynamic Coefficent of Friction	ANSI A137.1 - 2012	**ANSI A.137.1 Requires a minimum value of 0.42 for commercial areas that are likely to be wet.**			<0.42Wet	<0.42Wet	>0.42Wet	>0.42Wet	>0.42Wet
		Static Coefficent of Friction Static Coefficent of Friction	ASTM C1028 - 2007	**The Ceramic Tiles Institute Identifies Tile Slip Resistant when SCOF ≥ 0,60**			≥0.60Dry 0.50/0.60Wet	≥0.60Dry 0.50/0.60Wet	≥0.60Dry ≥ 0.60Wet	≥0.60Dry ≥ 0.60Wet	≥0.80Dry ≥ 0.80Wet
		Pendulum Friction Test Pendulum Friction Test	AS/NZS 4586 - 2013	**Declared Classification of the pedestrian surface materials according to the Wet Pendulum Test**			ClassP0	ClassP0	ClassP2	ClassP4	ClassP4

(*) The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from work size (W).
(**) The permissible deviation, in % or mm, of the average thickness for each tile from the work size thickness (W).
(***) The maximum permissible deviation from straightness, in % or mm, related to the corresponding work sizes (W).
(****) The maximum permissible deviation from rectangularity, in % or mm, related to the corresponding work sizes (W).
c.c. The maximum permissible deviation from centre curvature, in % or mm, related to diagonal calculated from the work sizes (W).
e.c. The maximum permissible deviation from edge curvature, in % or mm, related to the corresponding work sizes (W).
w The maximum permissible deviation from warpage, in % or mm, related to diagonal calculated from the work sizes (W).
(1) Requirements european standard EN 176.
(2) Determination of slip resistance of pedestrian surfaces; it does not cover sports surfaces and road surfaces for vehicles (skid resistance).

Anti-slip performance is guaranteed at the time of delivery of the product

MARVEL PRO Wall

WHITEBODY WALL TILES - RECTIFIED MONOCALIBER
WHITEBODY WALL TILES - RECTIFIED MONOCALIBER
Conforme alla norma EN 14411 (ISO 13006) Appendice G gruppo BIa
Conforme alla norma EN 14411 (ISO 13006) Appendice G gruppo BIa

Sizes Sizes	**50x110 cm** 19 5/8"x43 1/4" 8.5mm	**30,5x91,5 cm** 12"x36" 8.5mm	**40x80 cm** 15 3/4" x 31 1/2" 10mm	**40x80 cm** 15 3/4" x 31 1/2" 8.5mm	

TECHNICAL FEATURES / TECHNICAL FEATURES				**Requisiti per dimensione nominale N** Requisiti per dimensione nominale N			**MARVEL PRO WALL**	
				7 cm ≤ N < 15 cm	N ≥ 15 cm		Shiny	3D Shiny
				(mm)	(%)	(mm)		
Regularity features		**Length and width** Length and width	ISO 10545-2	± 0,9 (*)	± 0,6 (*)	± 2,0 (*)	±0.3% ±1.0mm	±0.3% ±1.0mm
		Thickness Thickness		± 0,5 (**)	± 5 (**)	± 0,5 (**)	±10.0% ±0.5mm	±10.0% ±0.5mm
		Straightness of sides Straightness of sides		± 0,5 (**)	± 5 (**)	± 0,5 (**)	±0.3% ±0.8mm	±0.3% ±0.8mm
		Ortogonalità (Misurazione da condurre solo sui lati corti quando ≥ L/I 3) Ortogonalità (Misurazione da condurre solo sui lati corti quando ≥ L/I 3)		± 0,5 (**)	± 5 (**)	± 0,5 (**)	±0.3% ±1.5mm	±0.3% ±1.5mm
		Surface flatness Surface flatness		c.c. ± 0,75	c.c. ± 0,5	c.c. ± 2,0	±0.3% ±1.5mm	±0.3% ±1.5mm
				e.c. ± 0,75	e.c. ± 0,5	e.c. ± 2,0		
				w. ± 0,75	w. ± 0,5	w. ± 2,0		
				EN 14411 appendice G (Gruppo BIa) EN 14411 appendice G (Gruppo BIa)	**ISO 13006 appendice G (Gruppo BIa)** ISO 13006 appendice G (Gruppo BIa)			
Structural features		**Water absorption level** Water absorption level	ISO 10545-3	**EWs 0,5% Individual max 0,6%** EWs 0,5% Valore max singolo 0,6%			10%<EB≤20%	10%<EB≤20%
Bulk mechanical features		**Breaking strength** Breaking strength	ISO 10545-4	S ≥ 1300 N			S ≥600 N	S ≥600 N
		Modulus of Rupture Modulus of Rupture		R ≥ 35 N/mm2			R ≥15 N/mm^2	R ≥15 N/mm^2
Thermo-igrometric features		**Linear Thermal Expansion Coefficient** Linear Thermal Expansion Coefficient	ISO 10545-8	**Declare a value** Dichiarare un valore	**Metodo di prova disponibile** Metodo di prova disponibile		≤7 1/mk	≤7 1/mk
		Thermal shock resistance Thermal shock resistance	ISO 10545-9	**Test superato in accordo con ISO 10545-1** Test superato in accordo con ISO 10545-1	**Metodo di prova disponibile** Metodo di prova disponibile		Resiste	Resiste
		Expansion due to humidity (mm/m) Dilatazione all'umidità (in mm/m)	ISO 10545-10	**Declare a value** Dichiarare un valore	**Metodo di prova disponibile** Metodo di prova disponibile		≤0.06% (0.6mm/m)	≤0.06% (0.6mm/m)
		Frost resistance Frost resistance	ISO 10545-12	**Test superato in accordo con ISO 10545-1** Test superato in accordo con ISO 10545-1	**Metodo di prova richiesto** Metodo di prova richiesto		0	0
Physical properties		**Bond Strength** Bond Strength	EN 1348	**Declare a value** Dichiarare un valore	-		≥1.0 N/mm^2 (Class C2 - EN 12004)	≥1.0 N/mm^2 (Class C2 - EN 12004)
		Reaction to fire Reaction to fire	-	**Class A1 or A1 fl** Classe A1 oppure A1 fl	-		A1	A1
Chemical features		**Resistance to household chemicals and swimming pool salts** Resistance to household chemicals and swimming pool salts	ISO 10545-13	**Classe minima B (U per piastrelle non smaltate)** Classe minima B (U per piastrelle non smaltate)			GA	GA
		Resistance to low concentrations of acids and alkalis Resistance to low concentrations of acids and alkalis		**Declare a class** Dichiarare una classe	**Secondo la classificazione indicata dal fabbricante** Secondo la classificazione indicata dal fabbricante		GLA	GLA
		Resistance to high concentrations of acids and alkalis Resistance to high concentrations of acids and alkalis		**Declare a class** Dichiarare una classe	**Metodo di prova disponibile** Metodo di prova disponibile		GHA	GHA
		Stain resistance Stain resistance	ISO 10545-14	**Declare a class** Dichiarare una classe	**Metodo di prova disponibile** Metodo di prova disponibile		GA	GA

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(**) The permissible deviation, in % or mm, of the average thickness for each tile from the work size thickness (W).
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(1) Requirements european standard EN 176.
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NEMO

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