4 Colors | 15 Sizes | 3 Finishes

# MARVEL PRO MARBLE LOOK PORCELAIN





NEMO

TILE + STONE







MARVEL PRO MARBLE LOOK PORCELAIN V2 Variation | Polished, Matte, & Textured Finish | Thickness: 6mm, 9mm

# MARVEL PRO

The Marvel Pro collection is an extension of our Marvel range, with a wider selection of sizes, finishes and designs. Marvel Pro has the incredible look of real marble and the resilience and hard-wearing nature of porcelain Marvel is the perfect alternative to marble. Available in a multitude of sizes including mosaics, 3D patterns and large slabs in both polished and matte finishes. Marvel and Marvel Pro combine the amazing look of marble with sturdy, low-cost porcelain that's denser and less porous than the real thing, bringing a touch of glamour and timeless charm into a room for less.







Statuario Select

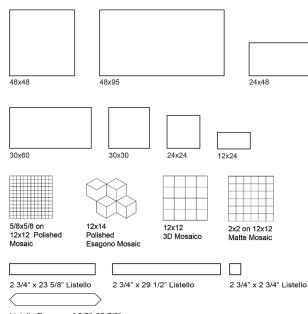
Cremo Delicato

**Grey Fleury** 

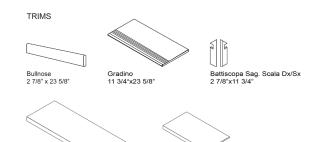
Noir St. Laurent





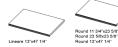


Listello Esagono 4 3/8"x33 7/8"



Scalino Lappato 90 13" x 35 3/8

OUTDOOR TRIMS 20MM



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Bordo Piscina 11 3/4"x23 5/8



Scalino 60 13" x 23 5/8



Griglia 7 7/8'x23 5/8' Griglia 5 7/8'x23 5/8'

Elemento L SP 7 7/8"x23 5/8 Elemento L SP 13"x47 1/4" Top 11 3/4"x23 5/8

# A Safe Choice



Porcelain tile surfaces can be made with an abrasive surface grit that can increase traction and reduce the risk of slipping.

Porcelain tiles are not flammable, reduce the spread of flames, do not burn, and do not emit toxic fumes.

Porcelain tiles do not change shape at high temperatures.



## **Technical Information**

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| Technical features<br>Caratteristiche tecniche        |  | Test Method<br>Metodo di prova | Requirements for nominal size N / Requisiti per dimensione nominale N  |              |                     | Porcelain tiles                         |   |   |  |   |
|---|--|--------------------------------|--|--------------|---------------------|---|---|---|--|---|
|   |  |                                | 7 cm ≤ N < 15 cm N ≥ 15 cm   |              | 5 cm                | Polished                                |   |   |  |   |
|   |  |                                | (mm)   | (%)          | (mm)                | Matte                                   | 160x320                                 | Polished<br>Satin                       | Textured   | Outdoor paving                          |
|   | Length and width<br>Lunghezza e larghezza  | - ISO 10545-2                  | ± 0,9 <sup>(*)</sup>   | ±0,6 (*)     | ±2,0 <sup>(*)</sup> | ± 0,3%<br>± 1,0 mm   | ± 0,3%<br>± 1,0 mm                      |
|   | Thickness<br>Spessore  |                                | ± 0,5 (**)   | ± 5 (++)     | ± 0,5 (**)          | ± 5,0%<br>± 0,5 mm   | ± 5,0%<br>± 0,5 mm                      |
|   | Straightness of sides<br>Rettilineità degli spigoli  |                                | ± 0,75 (***)   | ± 0,5 (***)  | ± 1,5 (***)         | ± 0,3%<br>± 0,8 mm   | ± 0,3%<br>± 0,8 mm                      |
|   | Rectangularity<br>Ortogonalità   |                                | ± 0,75 (****)  | ± 0,5 (****) | ± 2,0 (****)        | ± 0,3%<br>± 1,5 mm   | ± 0,3%<br>± 1,5 mm                      |
|   | Surface flatness<br>Planarità  | ISO 10545-2                    | c.c. ± 0,75         c.c. ± 0,5         c.c. ± 2,0           e.c. ± 0,75         e.c. ± 0,5         e.c. ± 2,0           w. ± 0,75         w. ± 0,5         w. ± 2,0  |              |                     | ± 0,4%<br>± 1,8 mm                      | ± 0,3%<br>± 1,5 mm                      | ± 0,3%<br>± 1,5 mm                      | Not applicable to<br>"strong" strictures<br>Non applicabili a<br>strutturati forti |   |
|   |  |                                |  |              |                     |   |   |   |  |   |
|   | Water absorption (in% by mass)<br>Massa d'acqua assorbita (come % della massa)   | ISO 10545-3<br>ASTM C373-18    | E <sub>v</sub> ≤ 0,5% Valore massimo singolo 0,6%<br>Requirement ANSI A137.1-2017 Water absorption max ≤ 0,5%  |              |                     | ≤ 0,1 %<br>≤ 0,5 %   | ≤ 0,1 %<br>≤ 0,5 %                      |
|   |  | ASTM 0373-10                   |  |              |                     | \$ 0,0 %                                | \$ 0,5 %                                | \$ 0,5 %                                | \$ 0,5 %   | \$ 0,5 %                                |
| L.  | Breaking strength Sforzo di rottura  | ISO 10545-4                    | $\label{eq:second} \begin{array}{l} S \approx 700N \mbox{ (for thickness < 7,5 mm - per spessore < 7,5 mm )} \\ S \approx 1300N \mbox{ (for thickness \approx 7,5 mm - per spessore \approx 7,5 mm)} \\ R \approx 35 \mbox{ N/mm}^2 \end{array}$ |              |                     | S ≥ 1500 N                              | S ≥ 1000 N                              | S ≥ 1500 N                              | S ≥ 1500 N   | S ≥ 10000 N                             |
| $\dot{\uparrow}\uparrow$                              | Modulus of rupture Resistenza alla flessione   |                                |  |              |                     | R ≥ 40 N/mm <sup>2</sup>   | R ≥ 45 N/mm <sup>2</sup>                |
|   | Bending strength and breaking load<br>Resistenza a flessione e al carico di rottura (4)(5)   | EN 1339<br>Annex F             | ÷  |              |                     | •                                       | -                                       | -                                       | -  | ≥ T11<br>60x60                          |
|   | Impact resistance, as coefficient of restitution<br>Resistenza all'impatto, espresso come coefficiente<br>di restituzione  | ISO 10545-5                    | Declared value<br>Valore dichiarato  |              |                     | ≥ 0,55                                  | ≥ 0,55                                  | ≥ 0,55                                  | ≥ 0,55   | ≥ 0,55                                  |
| $\langle \!\!\!\! \  \  \  \  \  \  \  \  \  \  \  \$ | Mohs hardness<br>Durezza Mohs  | EN 101                         | -  |              |                     | 6                                       | 5                                       | 5                                       | 7  | 8                                       |
| 0   | Resistance to deep abrasion of unglazed tiles<br>(removed volume)<br>Resistenza all'abrasione profonda delle plastrelle<br>non smaltate (volume materiale asportato) | ISO 10545-6                    | ≤ 175 mm³  |              |                     | ≤ 150 mm³                               | s 150 mm³                               | ≤ 150 mm³                               | ≤ 150 mm³  | ≤ 150 mm³                               |
|   | Coefficient of thermal linear expansion<br>Coefficiente di dilatazione termica lineare   | ISO 10545-8                    | Declared value<br>Valore dichiarato  |              |                     | ≤ 7MK-1                                 | ≤ 7MK <sup>-1</sup>                     | ≤ 7MK <sup>-1</sup>                     | ≤ 7MK <sup>-1</sup>  | s 7MK-1                                 |
| <b>*</b>  | Thermal shock resistance<br>Resistenza agli sbatzi termici   | ISO 10545-9                    | Pass according to EN ISO 10545-1<br>Test superato in accordo con ISO 10545-1   |              |                     | Resistant<br>Resiste                    | Resistant<br>Resiste                    | Resistant<br>Resiste                    | Resistant<br>Resiste   | Resistant<br>Resiste                    |
| 486   | Moisture expansion (in mm/m)<br>Dilatazione all'umidità (in mm/m)  | ISO 10545-10                   | Declared value<br>Valore dichiarato  |              |                     | ≤ 0,01%<br>(0,1mm/m)                    | ≤ 0,01%<br>(0,1mm/m)                    | ≤ 0,01%<br>(0,1mm/m)                    | ≤ 0,01%<br>(0,1mm/m)   | s 0,01%<br>(0,1mm/m)                    |
| 辮   | Frost resistance<br>Resistenza al gelo   | ISO 10545-12                   | Pass according to EN ISO 10545-1<br>Test superato in accordo con ISO 10545-1   |              |                     | Resistant<br>Resiste                    | Resistant<br>Resiste                    | Resistant<br>Resiste                    | Resistant<br>Resiste   | Resistant<br>Resiste                    |
| ŀ   | Bond strength/adhesion for improved<br>cementitious adhesives<br>Adesione a trazione con adesivi cementizi migliorati  | EN 1348                        | Declared value<br>Valore dichiarato  |              |                     | ≥ 1,0 N/mm²<br>(Class C2 -<br>EN 12004)  | ≥ 1,0 N/mm²<br>(Class C2 -<br>EN 12004) |
| ፠   | Reaction to fire<br>Reazione al fuoco  | -                              | Class A1 or A1 <sub>e</sub><br>Classe A1 oppure A1 <sub>e</sub>  |              |                     | A1 - A1 <sub>e</sub>                    | A1 - A1 <sub>e</sub>                    | A1 - A1 <sub>s</sub>                    | A1 - A1 <sub>s</sub>   | A1 - A1 <sub>s</sub>                    |
|   | Resistance to household chemicals and swimming<br>pool salts Resistenza ai prodotti chimici di uso<br>domestico e agli additivi per piscina                          |                                | Minimum Class B<br>Classe minima B   |              |                     | A                                       | A                                       | A                                       | A  | A                                       |
|   | Resistance to low concentrations of acids and alkalis<br>Resistenza a basse concentrazioni di acidi e alcali   | ISO 10545-13                   | Declared Class<br>Classe dichlarata  |              |                     | LA                                      | LA                                      | LA                                      | LA   | LA                                      |
|   | Resistance to high concentrations of acids and alkalis<br>Resistenza ad alte concentrazioni di acidi e alcali  |                                | Declared<br>Classe di  |              |                     | НА                                      | -                                       | -                                       | НА   | HA                                      |
| Ś   | Resistance to staining, for unglazed tiles<br>Resistenza alle macchie per plastrelle non smaltate  | ISO 10545-14                   | -14 Declared Class<br>Classe dichiarata  |              |                     | 5                                       | 5                                       | 5                                       | 5  | 5                                       |
|   | Shod Ramp Test<br>Metodo della rampa "calzato"   | DIN 51130                      | Declared value<br>Valore dichlarato  |              |                     | R9                                      | N.C.                                    | N.C.                                    | R11  | R11                                     |
|   | Barefoot Ramp Test<br>Metodo della rampa a piedi nudi  | DIN 51097                      | Declared value<br>Valore dichiarato  |              |                     | А                                       | 0                                       | 0                                       | A+B  | A+B+C                                   |
| (1)(2)  |  | BS 7976                        | PTV ≥ 36 classifies the surface as "low slip risk"   |              |                     | (●)                                     | ≥ 36 Dry<br>≤ 24 Wet                    | ≥ 36 Dry<br>≤ 24 Wet                    | ≥ 36 Dry<br>≥ 36 Wet   | ≥ 36 Dry<br>≥ 36 Wet                    |
|   | Pendulum Friction Test<br>Metodo del Pendolo   | AS 4586                        | Declared Classification of the new pedestrian surface<br>materials according to the Pendulum Test  |              |                     | (00)                                    | -                                       |   | ≥ 36 wet<br>Class P4   | ≥ 36 Wet<br>Class P4                    |
|   |  | UNE-ENV 12633                  | Declared value   |              |                     | (999)                                   | 10                                      | 0                                       | Class C3   | Class C3                                |
|   | Coefficient of friction (COF)  | B.C.R.A.                       | Valore dichiarato<br>D. M. 236/89 del 14/06/89<br>µ >0,40 per elemento scivolante cuolo su pavimentazione asciutta   |              |                     | > 0,40 Asciutto                         | -<br>> 0,40 Asciutto                    | -<br>> 0,40 Asciutto                    | > 0,40 Asciutto  | > 0,40 Asciutto                         |
|   | Coefficiente di attrito Dynamic coefficient of friction (DCOF)   | Rep. CEC/81                    | μ >0,40 per elemento solvolante cuolo su pavimentazione ascutta<br>μ >0,40 per elemento solvolante gomma dura su pavimentazione bagnata<br>ANSI A.137.1-2017 Requires a minimum value of 0.42 for level interior                                 |              |                     | > 0,40 Bagnato                          | > 0,40 Bagnato                          | > 0,40 Bagnato                          | > 0,40 Bagnato   | > 0,40 Bagnato                          |
|   | Coefficiente di attrito dinamico   | ANSI A137.1                    | ANSI A.137.1-2017 Hequires a minimum value of 0.42 for level interior<br>space expected to be walked upon when wet. (3)  |              |                     | > 0,42 Wet                              | < 0,42 Wet                              | < 0,42 Wet                              | > 0,42 Wet   | > 0,42 Wet                              |

### Availability

#### STOCKED IN 12X24:

- Statuario Select Polished
- Statuario Select Matte
- Grey Fleury Matte

\*Contact a sales rep for availability and lead times on other sizes, colors, and finishes

## Certifications



#### LEED V4

All Marvel porcelain floor and white body wall tiles can be used in projects that follow the guidelines of the GREEN BUILDING COUNCIL, which promotes the independent certification system LEED BD&C v4 (Leadership in Energy and Environmental Design, Building Design & Construction), whose parameters establish precise criteria for the design and construction of buildings that are healthy, energy efficient and with low environmental impact. All Marvel products in porcelain stoneware and in white clay can therefore contribute to obtaining the LEED V4 rating of buildings, in relation to different areas: Sustainable Sites, Materials and Resources, Internal Environmental Quality

#### EPD

Marvel also has an EPD declaration, which attests to the environmental sustainability of its products. The EPD (Environmental Product Declaration) also assesses the life cycle of a product, from extraction to production, transport, installation, maintenance, and cleaning.

#### HPD

Marvel has a HPD (Health Product Declaration) declaration, a complete report on the health characteristics of the finished product, compiled according to the HPD standard.

