
NORTH AMERICAN
STONE AND TILE

Inspiration

STONE | CONCRETE

NEW

48” x 110”



Unique style

ONIX

Large slabs mimicking natural stone are a unique decorative feature. This collection, long awaited by designers, has a certain elegance to it and it can perfectly emphasize a modern character of an interior. The collection will work perfectly with materials such as wood, stone, glass or golden accessories creating stunning and unique compositions together. It will wow and delight, above all, admirers of modern design who are searching for something extraordinary.



- wall tile - floor tile - frost resistance - porcelain tile - rectified tile - polished finish







polished



0,6
4
4

Onix white 48" x 110"
5903313327503



0,6
3
4

Onix blue 48" x 110"
5903313327480

- tile thickness - abrasion class 4 - number of graphic patterns

48” x 110”



Avant-garde elegance

MARQUINA NERO

Tiles from the Marquina collection are a suggestion for those who look for a more avantgarde solution, worthy of the most exquisite of spaces. The surface, in elegant shades of black, distinguishes itself by the densely scattered veining patterns, thanks to which the interior acquires the look of tasteful elegance. The Marquina collection presents itself amazingly, as it fluidly transitions from floor to wall, giving the interior depth, elegance and style.

- wall tile - floor tile - frost resistance - porcelain tile - rectified tile - colour body - polished finish




HOOK
hotel
reception



polished



0,6
4

Marquina Nero 48" x 110"
5903313327541

0,6 - tile thickness 4 - number of graphic patterns - colour body

Featuring
48” x 48”
48” x 110”



Classic style in a new version

MARQUINA GOLD

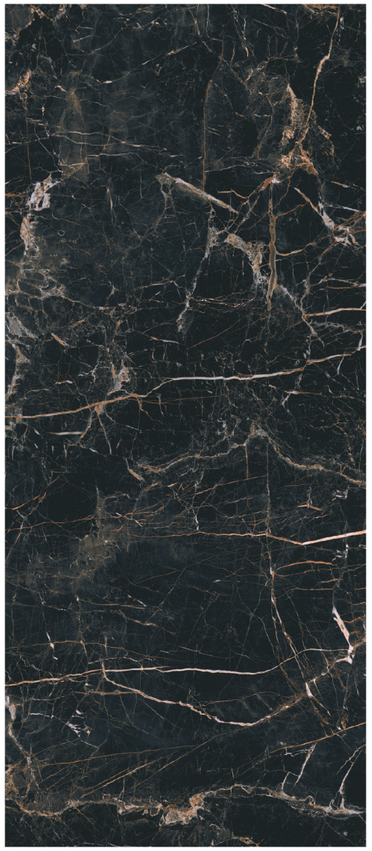
The collection with densely dispersed golden veining gives every interior an elegant, noble and glamorous feel. Inspired by fine marble, the Marquina porcelain stoneware tile collection is primarily intended for fans of elegant, timeless interiors arranged with a subtle reference to the latest trends. The tones of the tiles perfectly represent the complex veining of natural stone, giving any space the look and feel of luxurious ambience.



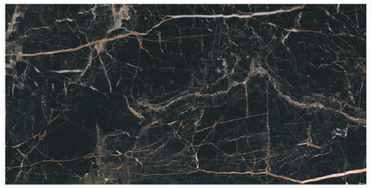
- wall tile - floor tile - frost resistance - porcelain tile - rectified tile - colour body - matt surface - polished finish



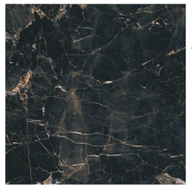
matt


0,6
R9
3
4

Marquina Gold 48" x 110"
5903313315814


0,8
R9
3
40

Marquina Gold 24" x 48"
5903313315456

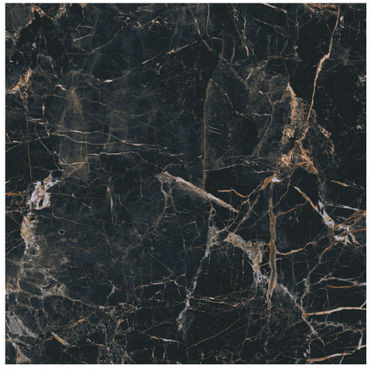

0,8
R9
3
80

Marquina Gold 24" x 24"
5903313315258

Baseboard

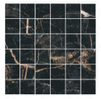

0,8

Marquina Gold 3" x 12"
5903313319362


0,6
R9
3
8

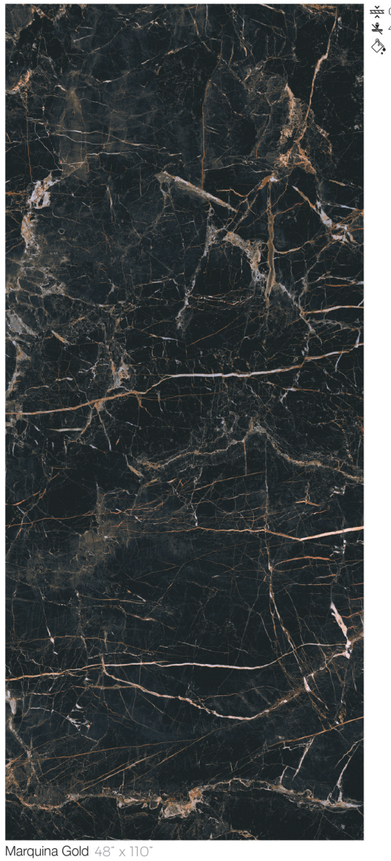
Marquina Gold 48" x 48"
5903313324472

Mosaic

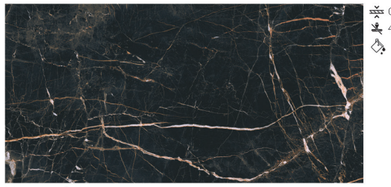

0,8
R10
3

Marquina Gold 12" x 12"
5903313319546

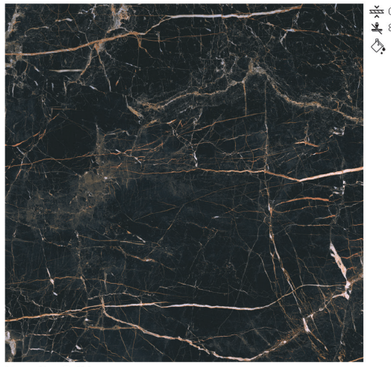
polished


0,6
4

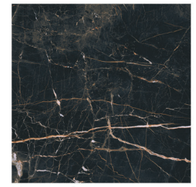
Marquina Gold 48" x 110"
5903313317542


0,8
40

Marquina Gold 24" x 48"
5903313316651


0,6
8

Marquina Gold 48" x 48"
5903313317061


0,8
80

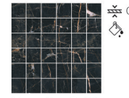
Marquina Gold 24" x 24"
5903313316866

Baseboard


0,8

Marquina Gold 3" x 24"
5903313319454

Mosaic


0,8

Marquina Gold 12" x 12"
5903313319638

Featuring
48” x 48”
48” x 110”



The grandeur of marble

CALACATTA GOLD

The Calacatta Gold collection is where we find beautiful veining patterns of luxury marble in porcelain stoneware tiles to add glamour and timeless elegance to the interior. Tiles in white and grey colours, with slight gold tinting, brighten and revitalise the arranged space, and in combination with distinctive accents of the decors, add a unique character to the interior.

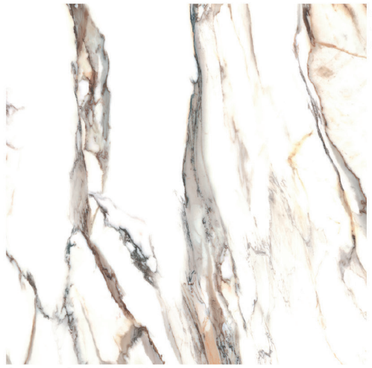


- wall tile - floor tile - frost resistance - porcelain tile - rectified tile - matt surface - polished finish

matt


0,6
R9
4
4

Calacatta Gold 48" x 110"
5903313315777


0,6
R9
4
12

Calacatta Gold 48" x 48"
5903313324434


0,8
R9
4
37

Calacatta Gold 24" x 48"
5903313315396

Decor


0,8
R9
4
6

Calacatta Gold 24" x 48"
5903313315432 (A) / 5903313315449 (B)


0,8
R9
4
74

Calacatta Gold 12" x 48"
5903313314964


0,8
R9
4
74

Calacatta Gold 24" x 24"
5903313315210

Baseboard


0,8

Calacatta Gold 3" x 12"
5903313319348

Mosaic


0,8
R10
4

Calacatta Gold 12" x 12"
5903313319522


A

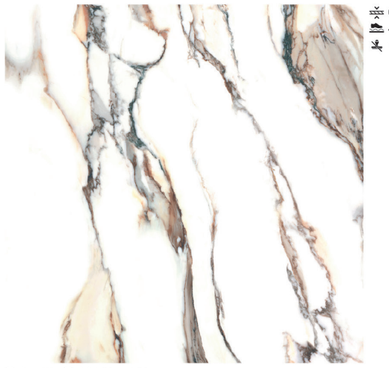

B

** Décor available in two variants: A and B.

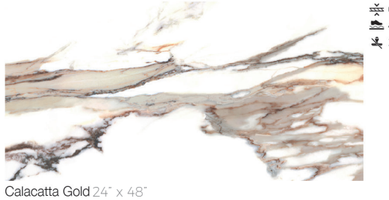
polished


0,6
4
4

Calacatta Gold 48" x 110"
5903313317504


0,6
4
12

Calacatta Gold 48" x 48"
5903313324731


0,8
4
37

Calacatta Gold 24" x 48"
5903313316637

Decor


0,8
4
6

Calacatta Gold 24" x 48"
5903313317221 (A) / 5903313317238 (B)


0,8
4
74

Calacatta Gold 12" x 48"
5903313317245


0,8
4
74

Calacatta Gold 24" x 24"
5903313316828

Baseboard


0,8

Calacatta Gold 3" x 12"
5903313319430

Mosaic


0,8
4

Calacatta Gold 12" x 12"
5903313319614

Featuring
48” x 48”
48” x 110”



Perfect imitation

CALACATTA WHITE

With its white tints, the Calacatta White collection shows the Statuario lines of the most beautiful white marble, with excellent precision.
The polished surface of these tiles is reminiscent of Mediterranean like interiors, while the matt version fits perfectly into modern aesthetics, complementing wood and metal textures.







matt



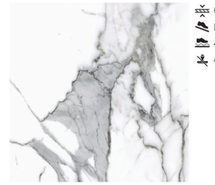
0,6
R9
4
4

Calacatta White 24" x 48"
5903313315418



0,8
R9
4
24

Calacatta White 24" x 24"
5903313315234



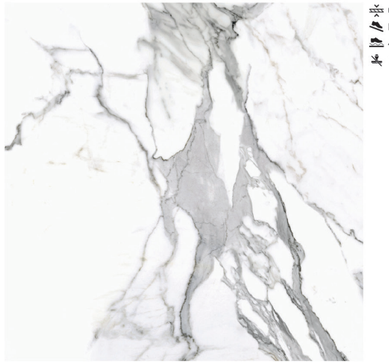
0,8
R9
4
48

Baseboard



0,8

Calacatta White 3" x 12"
5903313319355



0,6
R9
4
12

Calacatta White 48" x 48"
5903313324458

Mosaic



0,8
R10
4

Calacatta White 12" x 12"
5903313319539

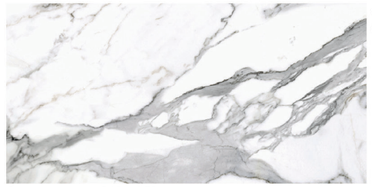
Calacatta White 48" x 110"
5903313315791

satin



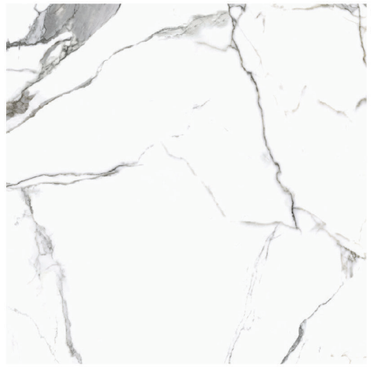
0,6
4
4

Calacatta White 48" x 110"
5903313317689



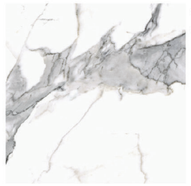
0,8
4
24

Calacatta White 24" x 48"
5903313316590



0,6
4
12

Calacatta White 48" x 48"
5903313324779



Calacatta White 24" x 24"
5903313317009

Baseboard



Calacatta White 3" x 12"
5903313319737

Mosaic



0,8
4

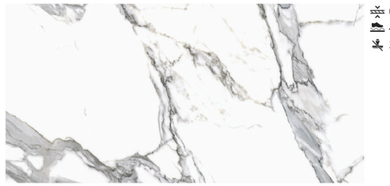
Calacatta White 12" x 12"
5903313319720

polished



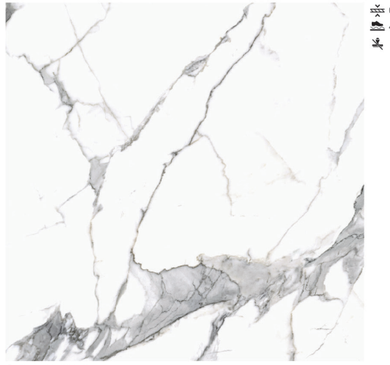
0,6
4
4

Calacatta White 48" x 110"
5903313317528



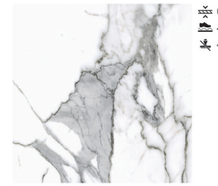
0,8
4
24

Calacatta White 24" x 48"
5903313316613



0,6
4
12

Calacatta White 48" x 48"
5903313324755



0,8
4
48

Calacatta White 24" x 24"
5903313316842

Baseboard



0,8

Calacatta White 3" x 12"
5903313319447

Mosaic



0,8
4

Calacatta White 12" x 12"
5903313319621

Featuring
48” x 48”
48” x 110”



Timeless elegance

MASTERSTONE

Masterstone is a guarantee of elegance, style and unconventional solutions in any interior. Inspired by the Fior Di Bosco stone, this collection of porcelain stoneware tiles combines the elegance of stone with a subtle pattern of metamorphic rocks. Thanks to this creative combination, one can create an elegant space attractive to every luxury lover.



- wall tile - floor tile - frost resistance - porcelain tile - rectified tile - colour body - matt surface - polished finish









matt



0,6
R9
4
4

Masterstone white 48" x 110"
5903313315838



0,6
R9
4
12

Masterstone white 48" x 48"
5903313324496



0,8
R9
4
48

Masterstone white 12" x 48"
5903313314978



0,8
R9
4
24

Masterstone white 24" x 48"
5903313315470

Decor



0,8
R9
4
12

Masterstone white geo 12" x 48"
5903313315005



0,8
R9
4
12

Masterstone white waves 12" x 48"
5903313314992



0,8
R9
4
48

Masterstone white 24" x 24"
5903313315272

Baseboard



0,8

Masterstone white 3" x 24"
5903313319379

Mosaic



0,8
R10
4

Masterstone white 12" x 12"
5903313319553

polished



0,6
4
4

Masterstone white 48" x 110"
5903313317566



0,6
4
12

Masterstone white 48" x 48"
5903313324618



0,8
4
48

Masterstone white 12" x 48"
5903313317269



0,8
4
24

Masterstone white 24" x 48"
5903313316705

Decor



0,8
4
12

Masterstone white geo 12" x 48"
5903313317290



0,8
4
12

Masterstone white waves 12" x 48"
5903313317283



0,8
4
48

Masterstone white 24" x 24"
5903313316880

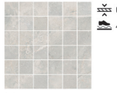
Baseboard



0,8

Masterstone white 3" x 24"
5903313319461

Mosaic



0,8
4

Masterstone white 12" x 12"
5903313319645

- tile thickness R9 - non-slip qualities - abrasion class 12 - number of graphic patterns

matt



0,6
R9
4
4

Masterstone silver 48" x 110"
5903313315852



0,6
R9
4
12

Masterstone silver 48" x 48"
5903313324519



0,8
R9
4
48

Masterstone silver 12" x 48"
5903313315012



0,8
R9
4
24

Masterstone silver 24" x 48"
5903313315494

Decor



0,8
R9
4
12

Masterstone silver geo 12" x 48"
5903313315043



0,8
R9
4
12

Masterstone silver waves 12" x 48"
5903313315036



0,8
R9
4
48

Masterstone silver 24" x 24"
5903313315296

Baseboard



0,8

Masterstone silver 3" x 24"
5903313319386

Mosaic



0,8
R10
4

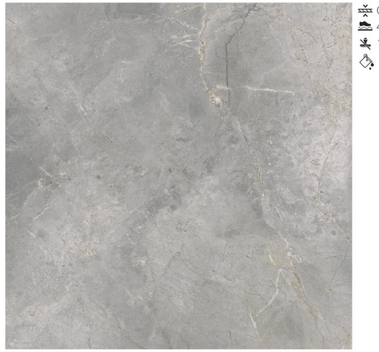
Masterstone silver 12" x 12"
5903313319660

polished



0,6
4
4

Masterstone silver 48" x 110"
5903313317580



0,6
4
12

Masterstone silver 48" x 48"
5903313324632



0,8
4
48

Masterstone silver 12" x 48"
5903313317306



0,8
4
24

Masterstone silver 24" x 48"
5903313316729

Decor



0,8
4
12

Masterstone silver geo 12" x 48"
5903313317337



0,8
4
12

Masterstone silver waves 12" x 48"
5903313317320



0,8
4
48

Masterstone silver 24" x 24"
5903313316903

Baseboard



0,8

Masterstone silver 3" x 24"
5903313319478

Mosaic



0,8
4

Masterstone silver 12" x 12"
5903313319652

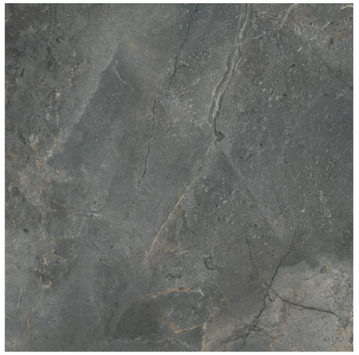
- tile thickness | R9 - non-slip qualities | - abrasion class | 12 - number of graphic patterns | - colour body

matt



0,6
R9
3
4

Masterstone graphite 48" x 110"
5903313315876



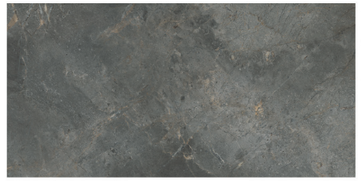
0,6
R9
3
12

Masterstone graphite 48" x 48"
5903313324533



0,8
R9
3
48

Masterstone graphite 12" x 48"
5903313315050



0,8
R9
3
24

Masterstone graphite 24" x 48"
5903313315517

Decor



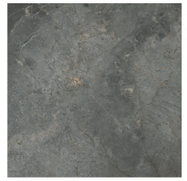
0,8
R9
3
12

Masterstone graphite geo 12" x 48"
5903313315081



0,8
R9
3
12

Masterstone graphite waves 12" x 48"
5903313315074



0,8
R9
3
48

Masterstone graphite 24" x 24"
5903313315319

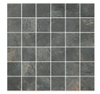
Baseboard



0,8

Masterstone graphite 3" x 24"
5903313319393

Mosaic



0,8
R10
3

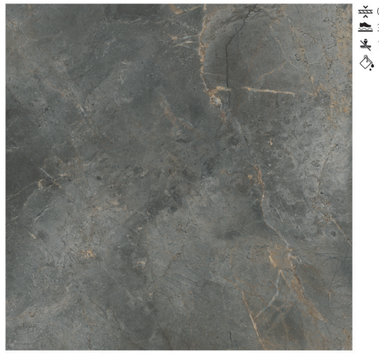
Masterstone graphite 12" x 12"
5903313319577

polished



0,6
3
4

Masterstone graphite 48" x 110"
5903313317603



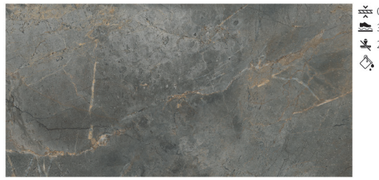
0,6
3
12

Masterstone graphite 48" x 48"
5903313324656



0,8
3
48

Masterstone graphite 12" x 48"
5903313317344



0,8
3
24

Masterstone graphite 24" x 48"
5903313316743

Decor



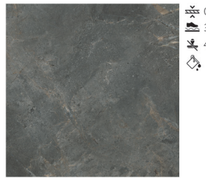
0,8
3
12

Masterstone graphite geo 12" x 48"
5903313317375



0,8
3
12

Masterstone graphite waves 12" x 48"
5903313317368



0,8
3
48

Masterstone graphite 24" x 24"
5903313316927

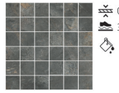
Baseboard



0,8

Masterstone graphite 3" x 24"
5903313319485

Mosaic



0,8
3

Masterstone graphite 12" x 12"
5903313319669

- tile thickness
R9 - non-slip qualities
- abrasion class
12 - number of graphic patterns
- colour body

Featuring
48” x 48”
48” x 110”



Raw mastery

SOFTCEMENT

Fans of minimalistic interiors will greatly enjoy the structure of concrete that inspired the Softcement tile collection. An interesting structure along with patchwork accents, is a mix of several interior design trends, that create an impressive and consistent composition in the collection. The imitation of concrete in three shades of grey, combined with very attractive decor and tiles with 3D-print structure, adds a new and interesting character to any room. The Softcement collection is recommended to customers that would like to capture the energy and harmony of subtle and consistent interiors.

- wall tile - floor tile - frost resistance - porcelain tile - rectified tile - colour body - matt surface - polished finish











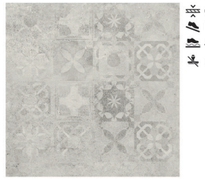
matt



0,6
R9
4
4

Softcement white 48" x 110"
5903313315890

Decor



0,8
R9
4
12

Softcement white patchwork 24" x 24"
5903133318006



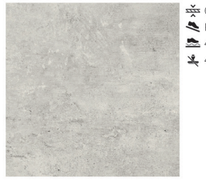
0,6
R9
4
12

Softcement white 48" x 48"
5903313324557



0,8
R9
4
24

Softcement white 24" x 48"
5903313315531



0,8
R9
4
48

Softcement white 24" x 24"
5903313315333

Decor



0,8
R9
4
12

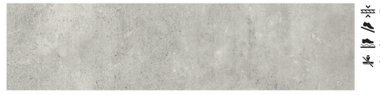
Softcement white geo 12" x 48"
5903313315128

Baseboard



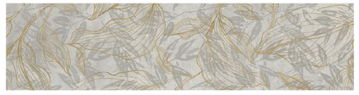
0,8

Softcement white 3" x 24"
5903313319409



0,8
R9
4
48

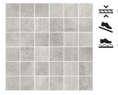
Softcement white 12" x 48"
5903313315098



0,8
R9
4
12

Softcement white flower 12" x 48"
5903313315111

Mosaic



0,8
R10
4

Softcement white 12" x 12"
5903133319584

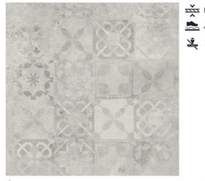
polished



0,6
4
4

Softcement white 48" x 110"
5903133317627

Decor



0,8
4
12

Softcement white patchwork 24" x 24"
5903133318068



0,6
4
12

Softcement white 48" x 48"
5903133324670



0,8
4
24

Softcement white 24" x 48"
5903133316767



0,8
4
48

Softcement white 24" x 24"
5903133316941

Decor



0,8
4
12

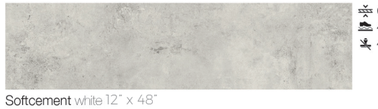
Softcement white geo 12" x 48"
5903133317412

Baseboard



0,8

Softcement white 3" x 24"
5903133319492



0,8
4
48

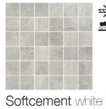
Softcement white 12" x 48"
5903133317382



0,8
4
12

Softcement white flower 12" x 48"
5903133317405

Mosaic



0,8
4

Softcement white 12" x 12"
5903133319676

- tile thickness
R9 - non-slip qualities
- abrasion class
12 - number of graphic patterns

matt



0,6
R9
4
4

Softcement silver 48" x 110"
5903313315913

Decor



0,8
R9
4
12

Softcement silver patchwork 24" x 24"
5903313318020



0,6
R9
4
12

Softcement silver 48" x 48"
5903313324571



0,8
R9
4
24

Softcement silver 24" x 48"
5903313315555



0,8
R9
4
48

Softcement silver 24" x 24"
5903313315357

Decor



0,8
R9
4
12

Softcement silver geo 12" x 48"
5903313315166

Baseboard



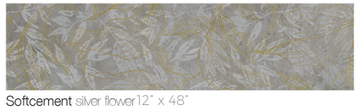
0,8

Softcement silver 3" x 24"
5903313319416



0,8
R9
4
48

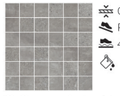
Softcement silver 12" x 48"
5903313315135



0,8
R9
4
12

Softcement silver flower 12" x 48"
5903313315159

Mosaic



0,8
R10
4

Softcement silver 12" x 12"
5903313319591

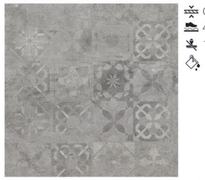
polished



0,6
4
4

Softcement silver 48" x 110"
5903313317641

Decor



0,8
4
12

Softcement silver patchwork 24" x 24"
5903313318082



0,6
4
12

Softcement silver 48" x 48"
5903313324694



0,8
4
24

Softcement silver 24" x 48"
5903313316781



0,8
4
48

Softcement silver 24" x 24"
5903313316965

Decor



0,8
4
12

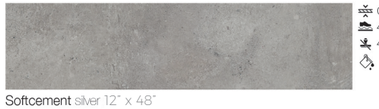
Softcement silver geo 12" x 48"
5903313317450

Baseboard



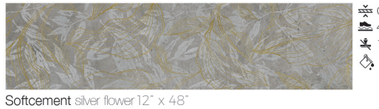
0,8

Softcement silver 3" x 24"
5903313319608



0,8
4
48

Softcement silver 12" x 48"
5903313317429



0,8
4
12

Softcement silver flower 12" x 48"
5903313317443

Mosaic



0,8
4

Softcement silver 12" x 12"
5903313319683

- tile thickness | R9 - non-slip qualities | - abrasion class | 12 - number of graphic patterns | - colour body

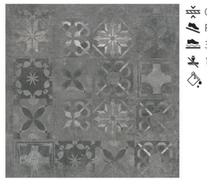
matt



0,6 R9 3 4

Softcement graphite 48" x 110"
5903313315937

Decor



0,8 R9 3 12

Softcement graphite patchwork 24" x 24"
5903313318044



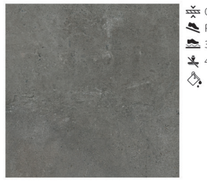
0,6 R9 3 12

Softcement graphite 48" x 48"
5903313324586



0,8 R9 3 24

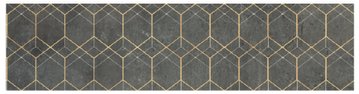
Softcement graphite 24" x 48"
5903313315579



0,8 R9 3 48

Softcement graphite 24" x 24"
5903313315371

Decor



0,8 R9 3 12

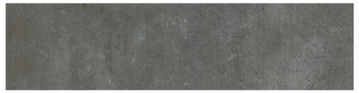
Softcement graphite geo 12" x 48"
5903313315203

Baseboard



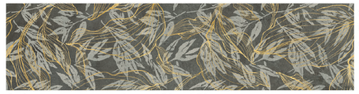
0,8

Softcement graphite 3" x 24"
5903313319423



0,8 R9 3 48

Softcement graphite 12" x 48"
5903313315173



0,8 R9 3 12

Softcement graphite flower 12" x 48"
5903313315197

Mosaic



0,8 R10 3

Softcement graphite 12" x 12"
5903313319607

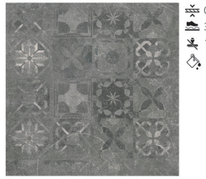
polished



0,6 3 4

Softcement graphite 48" x 110"
5903313317665

Decor



0,8 3 12

Softcement graphite patchwork 24" x 24"
5903313318105



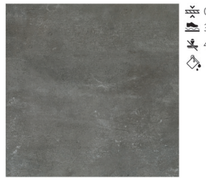
0,6 3 12

Softcement graphite 48" x 48"
5903313324717



0,8 3 24

Softcement graphite 24" x 48"
5903313316804



0,8 3 48

Softcement graphite 24" x 24"
5903313316989

Decor



0,8 3 12

Softcement graphite geo 12" x 48"
5903313317498

Baseboard



0,8

Softcement graphite 3" x 24"
5903313319515



0,8 3 48

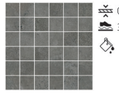
Softcement graphite 12" x 48"
5903313317467



0,8 3 12

Softcement graphite flower 12" x 48"
5903313317481

Mosaic



0,8 3

Softcement graphite 12" x 12"
5903313319690

- tile thickness | R9 - non-slip qualities | - abrasion class | 12 - number of graphic patterns | - colour body

Nickwood

bianco



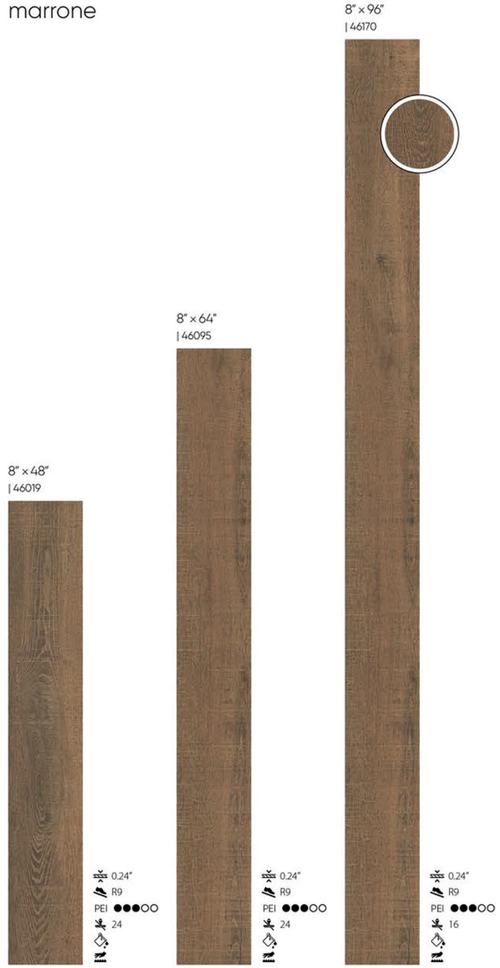
beige



sabbia



marrone

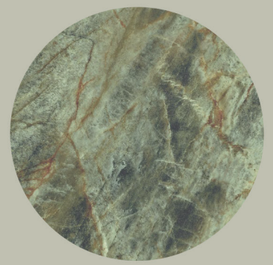


- tile thickness
R9 - non-slip qualities
PEI - abrasion class
15 - number of graphic patterns
- color body
- textured surface





/ Brazilian Quartzite GREEN













It is here that the contrasting, striking colors ideally integrate with one another. Amaze with diversity – from every angle.





/ Brazilian Quartzite NATURAL



/ Brazilian Quartzite BLACK









/ *Natural*

MATT PEI ●●●●○ R9

POLISHED PEI ●●●●○

48" x 110"

4 / 0,6



5903313331401 matt
5903313331708 polished

24" x 48"

24 / 0,8



5903313331197 matt
5903313331500 polished

48" x 48"

12 / 0,6



5903313331302 matt
5903313331609 polished

12 - number of graphic patterns

/ *Green*

MATT PEI ●●●○○ R9

POLISHED PEI ●●●○○

48" x 110"

4 / 0,6



5903313331364 matt
5903313331661 polished

24" x 48"

24 / 0,8



5903313331159 matt
5903313331463 polished

48" x 48"

12 / 0,6



5903313331258 matt
5903313331562 polished

/ Blue

MATT | POLISHED

PEI ●●●○○ / R9 | PEI ●●●○○

48" x 110" — 4 / 0,6



5903313331340 matt
5903313331647 polished

24" x 48" — 24 / 0,8



5903313331135 matt
5903313331449 polished

48" x 48" — 12 / 0,6



5903313331234 matt
5903313331548 polished

12 - number of graphic patterns

/ Amber

MATT | POLISHED

PEI ●●●●○ / R9 | PEI ●●●●○

48" x 110" — 4 / 0,6



5903313331425 matt
5903313331722 polished

24" x 48" — 24 / 0,8



5903313331210 matt
5903313331524 polished

48" x 48" — 12 / 0,6



5903313331326 matt
5903313331623 polished









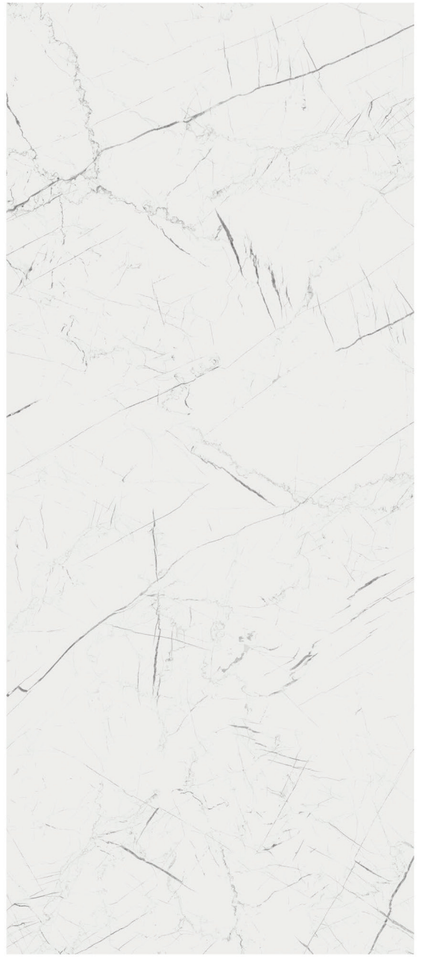




MATT | POLISHED

PEI ●●●●○ / R9 | PEI ●●●●○

48" x 110"



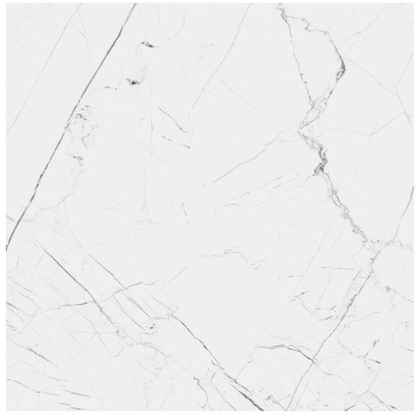
5903313330817 matt
5903313330916 polished

4 / 0,6



48" x 48"

12 / 0,6



5903313330756 matt
5903313330855 polished

24" x 48"

24 / 0,8



5903313330732 matt
5903313330831 polished

32" x 32"

44 / 0,8



5903313330770 matt
5903313330879 polished

32" x 64"

24 / 0,8



5903313330794 matt
5903313330893 polished

12 - number of graphic patterns

- textured surface

MATT | POLISHED

PEI ●●●○○ / / / R9 | PEI ●●●○○ /

48" x 110"



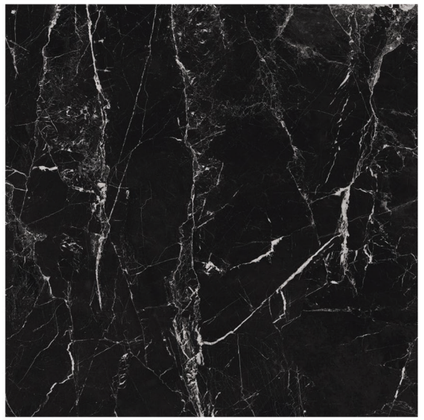
5903313331012 matt
5903313331111 polished

4 / 0,6



48" x 48"

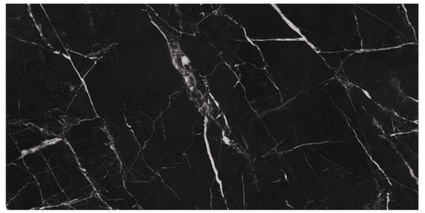
12 / 0,6



5903313330954 matt
5903313331050 polished

24" x 48"

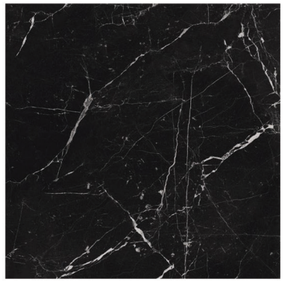
24 / 0,8



5903313330930 matt
5903313331036 polished

32" x 32"

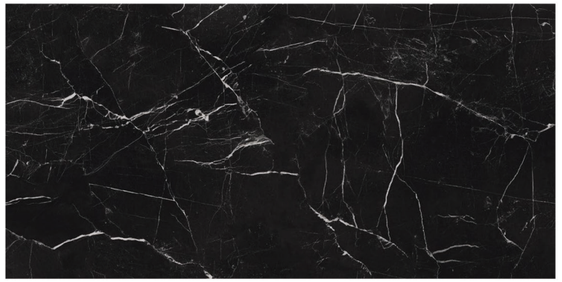
44 / 0,8



5903313330978 matt
5903313331074 polished

32" x 64"

24 / 0,8



5903313330992 matt
5903313331098 polished

12 - number of graphic patterns / - colour body / - textured surface



/ Modern Concrete SILVER








OLD CITY



/ Modern Concrete GRAPHITE





/ Modern Concrete IVORY









/ Ivory

MATT
PEI ●●●●○ / R9

LAPPATO SILKY CRISTAL
PEI ●●●●○

48" x 110"
4 / 0,6



5903313332163 matt
5903313331920 lappato silky cristal

24" x 48"
24 / 0,8



5903313332040 matt
5903313331807 lappato silky cristal

48" x 48"
12 / 0,6



5903313332101 matt
5903313331869 lappato silky cristal

32" x 32"
48 / 0,8



5903313331982 matt
5903313331746 lappato silky cristal

12 - number of graphic patterns

/ *Silver*

MATT
PEI ●●●●○ / R9

LAPPATO SILKY CRISTAL
PEI ●●●●○

48" x 110" 4 / 0,6



5903313332187 matt
5903313331944 lappato silky cristal

24" x 48" 24 / 0,8



5903313332064 matt
5903313331821 lappato silky cristal

48" x 48" 12 / 0,6



5903313332125 matt
5903313331883 lappato silky cristal

32" x 32" 48 / 0,8



5903313332002 matt
5903313331760 lappato silky cristal

/ *Graphite*

MATT
PEI ●●●○○ / R9

LAPPATO SILKY CRISTAL
PEI ●●●○○

48" x 110" 4 / 0,6



5903313332200 matt
5903313331968 lappato silky cristal

24" x 48" 24 / 0,8



5903313332088 matt
5903313331845 lappato silky cristal

48" x 48" 12 / 0,6



5903313332149 matt
5903313331906 lappato silky cristal

32" x 32" 48 / 0,8



5903313332026 matt
5903313331784 lappato silky cristal

12 - number of graphic patterns
- colour body











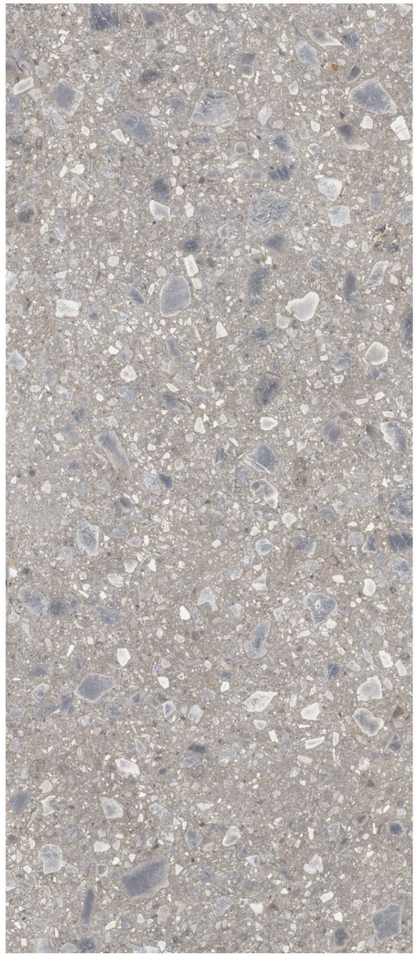


/ *Silver*

MATT | POLISHED

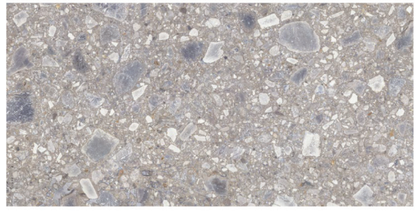
PEI ●●●●○ / R9 | PEI ●●●●○

48" x 110" — 4 / 0,6



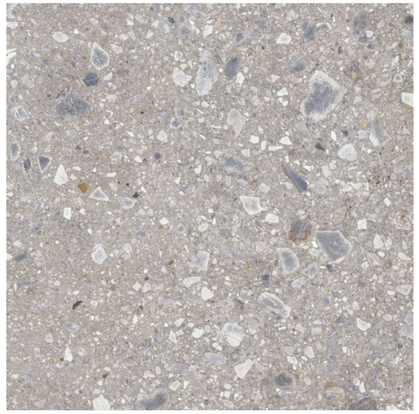
5903313330497 matt
5903313330671 polished

24" x 48" — 24 / 0,8



5903313330374 matt
5903313330558 polished

48" x 48" — 12 / 0,6



5903313330435 matt
5903313330619 polished

12 - number of graphic patterns

/ *Graphite*

MATT | POLISHED

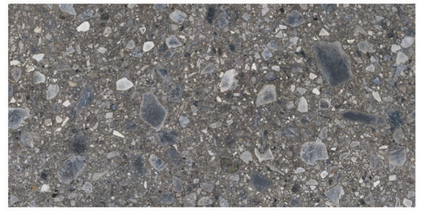
PEI ●●●○○ / R9 | PEI ●●●○○

48" x 110" — 4 / 0,6



5903313330510 matt
5903313330695 polished

24" x 48" — 24 / 0,8



5903313330398 matt
5903313330572 polished

48" x 48" — 12 / 0,6



5903313330459 matt
5903313330633 polished

/ Black

MATT | POLISHED

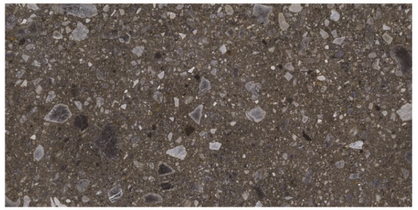
PEI ●●●○○ / R9 | PEI ●●●○○

48" x 110" — 4 / 0,6



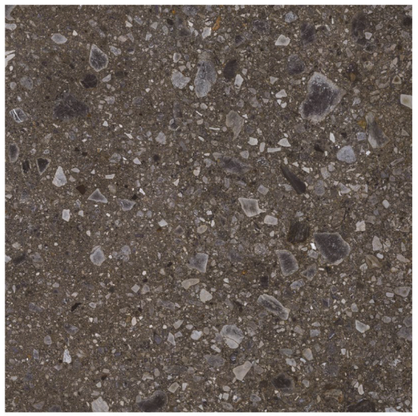
5903313330534 matt
5903313330718 polished

24" x 48" — 24 / 0,8



5903313330411 matt
5903313330596 polished

48" x 48" — 12 / 0,6



5903313330473 matt
5903313330657 polished

12 - number of graphic patterns

- colour body

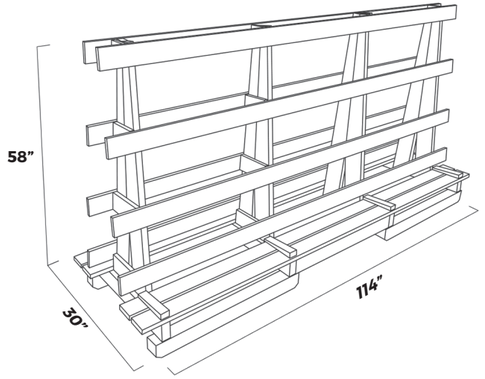
TILES DESCRIPTION

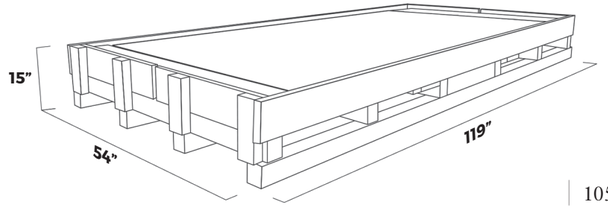
- Non-slip qualities
- Abrasion class
- Floor tile
- Wall tile
- Textured surface
- Tile thickness
- Colour body
- Rectified tile
- Calibrated
- Clinker tile
- Porcelain tile
- Frost resistance
- Matt surface
- Satine surface
- Lappato surface
- Polished finish
- 7 Number of graphic patterns

Within one collection, our tiles have over 60 different graphics to avoid the so-called stamp effect (i.e. unintentional repetition of a pattern on a small surface).

DIMENSIONS AND PACKAGING

	Dimensions [in]	Pieces on a pallet	m² on a pallet	Pallet weight [lbs]	Pallet dimensions [in]	Frost resistance
A-FRAME	48" x 110" X .24"	38	127,3	4365	114" x 58" X 30"	✓
PALLET		25	83,75	2954	119" x 54" X 15"	✓





TECHNICAL PROPERTIES AND STANDARDS

VALUES ACCORDING TO THE STANDARD
PN - EN 14411:2013-04 ANNEX H AND DECLARED – CLINKER
PN - EN 14411:2013-04 ANNEX G AND DECLARED – PORCELAIN TILE

DIMENSIONS AND SURFACE FLATNESS		NOMINAL DIMENSION N	
		7 cm ≤ N < 15	N ≥ 15 cm
tests according to PN-EN ISO 10545-2	length	± 0,9 mm	± 0,6% and max ± 2,0 mm
	width	± 0,9 mm	± 0,6% and max ± 2,0 mm
	thickness	± 0,5 mm	± 5% and max ± 0,5 mm
	deflection from the straight angle	± 0,75 mm	± 0,5% and max ± 2,0 mm
	surface flatness	± 0,75 mm	± 0,5% and max ± 2,0 mm

		PN – EN 14411:2013-04 ANNEX H and declared		PN – EN 14411:2013-04 ANNEX G and declared	
	PHYSICAL PROPERTIES	REQUIREMENTS	MEAN VALUE ACHIEVED	REQUIREMENTS	MEAN VALUE ACHIEVED
	Water absorption, tests according to PN-EN ISO 10545-3	0,5% < E ≤ 3%	0,5% < E ≤ 2,6%	E ≤ 0,5%	0,05% – 0,10%
	Breaking force, tests according to PN-EN ISO 10545-4	for thickness < 7,5 mm – ≥ 700 N for thickness ≥ 7,5 mm – ≥ 1100 N	850 N 2000 N	for thickness < 7,5 mm – ≥ 700 N for thickness ≥ 7,5 mm – ≥ 1300 N	1300-1500 N 2000-2200 N
	Flexural strength, tests according to PN-EN ISO 10545-4	> 30 N/mm^2	≥ 38 N/mm^2	> 35 N/mm^2	40-50 N/mm^2
	Abrasion resistance, tests according to PN-EN ISO 10545-7	according to the manufacturer's declaration	cl. 3 – 5	according to the manufacturer's declaration	cl. 3 – 5
	Frost resistance, tests according to PN-EN ISO 10545-12	required	resistant	required	resistant
	Chemical resistance, tests according to PN-EN ISO 10545-13, – to acids and bases of low concentration, – to acids and bases of high concentration, – to household agents/water pool salts	according to the manufacturer's classification – min. B	– LA – HA – A	according to the manufacturer's classification – min. B	– LA – HA – A
	Non-slip qualities, tests according to DIN 51130 + complementary procedures	according to the manufacturer's declaration	smooth and rustic surface – R9	according to the manufacturer's declaration	smooth and rustic surface – R9 – R11
	Release of lead and cadmium PN-EN ISO 10545-15	requirements of the Commission directive 2005/31/EC ≤ 0,2 mg/l for lead ≤ 0,02 mg/l for cadmium	Lead < 0,1 mg/dm^3 Cadmium < 0,02 mg/dm^3	requirements of the Commission directive 2005/31/EC ≤ 0,2 mg/l for lead ≤ 0,02 mg/l for cadmium	Lead < 0,1 mg/dm^3 Cadmium < 0,02 mg/dm^3
	Natural radioactivity ITB 455/2010	no requirements	below regulatory safety limits	no requirements	below regulatory safety limits
	Resistance to staining PN-EN ISO 10545-14	min. 3 cl.	cl. 5	min. 3 cl. (GL)	cl. 5
	Crazing resistance, tests according to PN-EN ISO 10545-11	required	resistant	required	resistant
	Thermal shock resistance, test according to PN-EN ISO 10545-9	required	resistant	required	resistant

