

Panaria
ceramica



**General Catalog
USA Products**

2025

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Playlist	150
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20 mm

Contemporary	14
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Index by Format

36"x36" | 90x90 cm

Contemporary	14
Luxe Ensemble	92
Moondance	38
Terrazzo	52

24"x48" | 60x120 cm

Contemporary	14
Home	66
Luxe Ensemble	92
Moondance	38
Moondance 20 mm	38
Prestige	104
Terrazzo	52

24"x24" | 60x60 cm

Contemporary 20 mm	14
Home	66
Home 20 mm	66
Suite	116
Terrazzo	52

12"x24" | 30x60 cm

Contemporary	14
Craft	182
Flow	28
Home	66
Luxe Ensemble	92
Metropolitan	80
Moondance	38
Playlist+	52
Prestige	104
Suite	116

8"x36" | 20x90 cm

Life	128
Wood Trend	138

8"x8" | 20x20 cm

Playlist	150
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4"x12" | 10x30 cm

Suite	116
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2.75"x11" | 7x28 cm

Playlist	150
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Panaria is “the beauty of feeling at home”

Panaria Ceramica has been crafting ceramics since 1974 with one purpose: to make people feel at home. Rooted in Italian tradition, our collections reflect the essence of personal spaces where identity, beauty, and well-being come together. With over 50 years of experience, we continue to design with passion, detail, and care. Our creative spirit and distinctive Italian culture brings style, elegance, and authenticity into everyday living.

This catalog features a range of collections that are Made in the USA or exclusively distributed in the U.S. for Panaria Ceramica. Designed in Italy and produced in our Advanced Manufacturing Facility in Lawrenceburg, Kentucky, these products reflect our commitment to combining Italian design with American-made efficiency. Orders are fulfilled quickly and reliably through our strategically located National Distribution Center, ensuring we meet the needs of the U.S. market with speed and excellence.



PANARIAgroup®

To excel in the world of luxury ceramics means knowing how to continuously create highly technological products and how to enhance them through the utmost attention to aesthetics and detail.

Panariagroup Industrie Ceramiche S.p.A. is a multinational Italian group and worldwide leader in the production and distribution of ceramic floor and wall tiles. With almost 2,000 employees, more than 10,000 customers, 8 production plants (3 in Italy, 3 in Portugal, 1 in Germany and 1 in the USA) and an extensive sales network in over 130 countries, Panariagroup is one of the largest producers of ceramic tile.

Specialized in the production of porcelain and laminated stoneware, the group has focused on the top level and premium segments of the market by means of 14 brands (Panaria Ceramica, Lea Ceramiche, Cotto d'Este, Blustyle and Maxa in Italy, Margres, Love Tiles and Gresart in Portugal, Steuler Design, Grohn, Kerateam, and Nordceram in Germany, Florida Tile in the United States and Bellissimo in India). These brands fulfill the needs of diverse customers that share the same concern for the aesthetic and technical quality of products for residential, commercial and public architecture.

Always at the vanguard when it comes to joining beauty, quality, and

sustainability, Panariagroup maintains a thorough commitment towards reducing the environmental impact of its manufacturing facilities, thus displaying its focus on safeguarding the ecosystem while offering the highest quality. This is a vital commitment for those who, like Panariagroup, create products that millions of people all around the world encounter in their daily life, at home, or in public places.

The Group has a strong focus on research and innovation and is resolute to satisfy the highest expectations in the fields of general well-being and aesthetics, both for professional and private customers, in architecture, or in the construction industry. To excel in this world of luxury ceramics and to satisfy the demands of this exacting market segment, Panariagroup adheres to the highest standards of excellence, combining its history of artisan craftsmanship, technological expertise, and dedication to sustainability.

Panariagroup has a commitment to transparency and sustainability, publishing a yearly third-party verified sustainability report.



One Group. One Vision.

Panariagroup USA, is the American business unit of Panariagroup Industrie Ceramiche S.p.A., a world leader in producing and distributing high-quality and prestigious ceramic surfaces.

At the forefront of design, production, and distribution of beautiful porcelain and ceramic products, Panariagroup USA features a broad array of unique and highly regarded brands: Panaria Ceramica, Florida Tile, Cotto d'Este, Lea, Love Tiles, Margres, Gresart, Maxa, and Bellissimo.

Panariagroup has always adhered to the highest standards of excellence, combining its history of skillful artisan craftsmanship with cutting edge technology. These brands fulfill the needs of diverse customers who share the same passion for the aesthetic and technical quality of products.

PANARIAgroup®
U.S.A. Inc.

Panaria
ceramica

floridatile

COTTOD'ESTE
EXCLUSIVE SURFACES

LEA
CERAMICHE

LOVE
CERAMIC TILES

MARGRES
CERAMIC TILES

GRESART.
CERAMIC TILES

MAXA
CERAMIC SLABS

Bellissimo
STILE ITALIANO

P R () T E C T[®]

ANTIMICROBIAL SURFACE

This collection is made with the exclusive antimicrobial Protect technology



POWERFUL ACTION

resists microbes and inhibits their growth



CONTINUOUS PROTECTION

always active, 24 hours a day, with and without sunlight



ETERNAL EFFECTIVENESS

thanks to the technology permanently integrated into the product

with **MICROBAN[®]**

PANARIAgroup[®]





Stone Look

Included Collections

Contemporary
Flow
Moondance
Terrazzo

Contemporary

COLOURED-BODY PORCELAIN STONEWARE







Edge Gray Soft 36"x36" Rect - 90x90 cm
Cool Mix Soft 12"x24" Rect - 30x60 cm
Edge Gray 20 mm Anti-Slip 24"x24" Rect - 60x60 cm

Contemporary

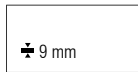
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LEATHER  

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

CHIC WHITE



12"x24" Rect - 30x60 cm
SOFT



24"x48" Rect - 60x120 cm
SOFT
LEATHER

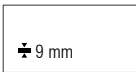
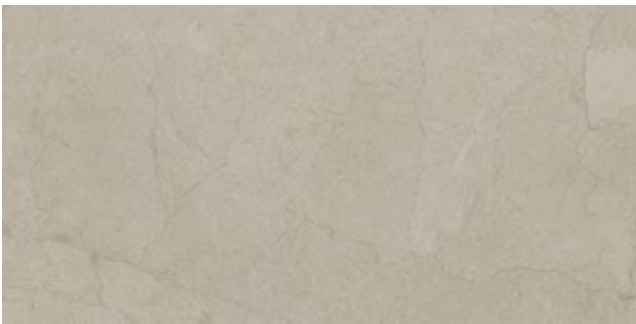


36"x36" Rect - 90x90 cm
SOFT

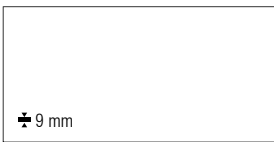
FLOOR VIEW



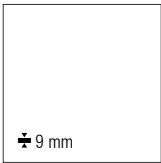
EDGE GRAY



12"x24" Rect - 30x60 cm
SOFT



24"x48" Rect - 60x120 cm
SOFT
LEATHER



36"x36" Rect - 90x90 cm
SOFT

FLOOR VIEW



Contemporary

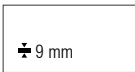
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LEATHER  

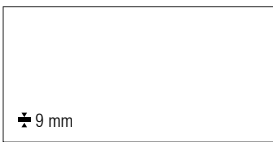
P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

MOD BEIGE



12"x24" Rect - 30x60 cm
SOFT



24"x48" Rect - 60x120 cm
SOFT
LEATHER

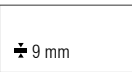


36"x36" Rect - 90x90 cm
SOFT

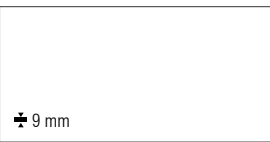
FLOOR VIEW



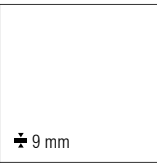
NU TAUPE



12"x24" Rect - 30x60 cm
SOFT



24"x48" Rect - 60x120 cm
SOFT
LEATHER



36"x36" Rect - 90x90 cm
SOFT

FLOOR VIEW

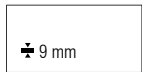


Contemporary

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LEATHER   ANTI-SLIP 

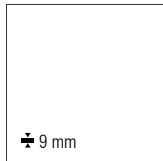
VOGUE DARK GRAY



12"x24" Rect - 30x60 cm
SOFT



24"x48" Rect - 60x120 cm
SOFT
LEATHER



36"x36" Rect - 90x90 cm
SOFT

FLOOR VIEW



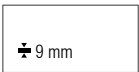
P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

ACCESSORY



WARM MIX



12"x24" Rect - 30x60 cm
SOFT

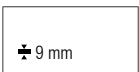
FLOOR VIEW



ACCESSORY



COOL MIX



12"x24" Rect - 30x60 cm
SOFT

FLOOR VIEW



Contemporary

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LEATHER   ANTI-SLIP 

DECOS



CHEVRON
CHIC WHITE
4"x21" Rect - 10x53 cm
SOFT
± 9 mm



CHEVRON
EDGE GRAY
4"x21" Rect - 10x53 cm
SOFT
± 9 mm



CHEVRON
MOD BEIGE
4"x21" Rect - 10x53 cm
SOFT
± 9 mm



CHEVRON
NU TAUPE
4"x21" Rect - 10x53 cm
SOFT
± 9 mm



CHEVRON
VOGUE DARK GRAY
4"x21" Rect - 10x53 cm
SOFT
± 9 mm



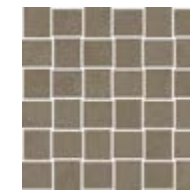
BASKETWEAVE
CHIC WHITE
12"x12" Rect - 30x30 cm
SOFT
± 9 mm



BASKETWEAVE
EDGE GRAY
12"x12" Rect - 30x30 cm
SOFT
± 9 mm

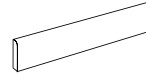


BASKETWEAVE
MOD BEIGE
12"x12" Rect - 30x30 cm
SOFT
± 9 mm



BASKETWEAVE
NU TAUPE
12"x12" Rect - 30x30 cm
SOFT
± 9 mm

TRIM PIECES



BULLNOSE
4"x24" Rect - 10x60 cm
SOFT
± 9 mm

All colors available

CHEVRON:
Each box contains 4 right arrows and 4 left arrows

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

Contemporary

COLOURED-BODY PORCELAIN STONEWARE

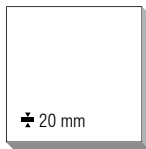
INTENDED USE: SOFT   LEATHER   ANTI-SLIP 

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

20 mm

CHIC WHITE



24"x24" Rect - 60x60 cm
ANTI-SLIP

MOD BEIGE



24"x24" Rect - 60x60 cm
ANTI-SLIP

EDGE GRAY



24"x24" Rect - 60x60 cm
ANTI-SLIP

Contemporary

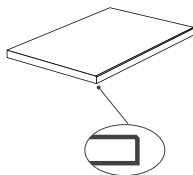
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LEATHER   ANTI-SLIP 

P R () T E C T ®

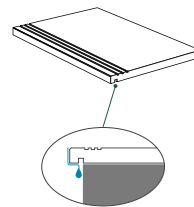
ANTIMICROBIAL SURFACE
with MICROBAN®

20 mm TRIM PIECES



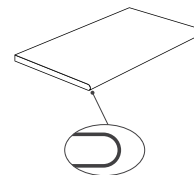
STEP TREAD
12"x24" - 30x60 cm
ANTI-SLIP
✚ 20 mm

Colors available:
Chic White - Edge Gray - Mod Beige



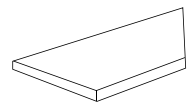
STEP TREAD WITH GROOVES & DRIP FLAP
12"x24" - 30x60 cm
ANTI-SLIP
✚ 20 mm

Colors available:
Chic White - Edge Gray - Mod Beige



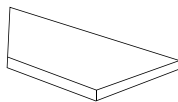
STEP TREAD WITH BULLNOSE
12"x24" - 30x60 cm
ANTI-SLIP
✚ 20 mm

Colors available:
Chic White - Edge Gray - Mod Beige



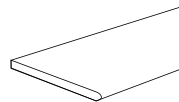
STEP TREAD CORNER LEFT
12"x24" - 30x60 cm
ANTI-SLIP
✚ 20 mm

Colors available:
Chic White - Edge Gray - Mod Beige



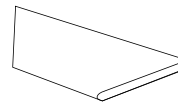
STEP TREAD CORNER RIGHT
12"x24" - 30x60 cm
ANTI-SLIP
✚ 20 mm

Colors available:
Chic White - Edge Gray - Mod Beige



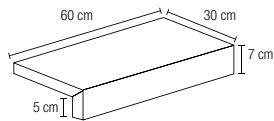
STEP TREAD WITH BULLNOSE CORNER LEFT
12"x24" - 30x60 cm
ANTI-SLIP
✚ 20 mm

Colors available:
Chic White - Edge Gray - Mod Beige



STEP TREAD WITH BULLNOSE CORNER RIGHT
12"x24" - 30x60 cm
ANTI-SLIP
✚ 20 mm

Colors available:
Chic White - Edge Gray - Mod Beige



SWIMMING POOL SPECIAL ELEMENTS
3"x12"x24" - 7x30x60 cm
ANTI-SLIP
✚ 20 mm

Colors available:
Chic White - Edge Gray - Mod Beige

TRIM PIECES 20 mm: only full boxes sold, manufactured only upon special request

Contemporary

COLOURED-BODY PORCELAIN STONEWARE

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONEWARE according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0,5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf ≥ 2500 lbf	≥ 450 lbf 9 mm ≥ 2,800 lbf 20 mm
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 3 9 mm PEI 5 20 mm
 LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4.4 x 10⁻⁶ °F⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
 FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	DIN51097	-	R11 20 mm Anti-Slip
	ANSI A326.3	Porcelain A326.3	IW+ 9 mm Soft - Leather EW 20 mm Anti-Slip
 SHADE VARIATION	ANSI A137.1	V2	V2 Slight Variation
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	RECT (INDOOR)	-	1/8" - 3.2 mm approx.
	OUTDOOR	-	3/16" - 4.7 mm approx.
 THICKNESS	SIZES		
	36"x36" Rect - 90x90 cm	-	9 mm
	24"x48" Rect - 60x120 cm	-	9 mm
	12"x24" Rect - 30x60 cm	-	9 mm
	24"x24" Rect - 60x60 cm	-	20 mm

(*) Excluding hydrofluoric acid and its derivatives.

(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
36"x36" Rect Soft	17.40	2	30	522.00	78.20	2,346
24"x48" Rect Soft - Leather	15.39	2	40	615.70	64.98	2,649
12"x24" Rect Soft	15.62	8	32	499.84	58.20	1,912
24"x24" Rect 20 mm Anti-Slip	7.79	2	36	280.44	69.00	2,534
BASKETWEAVE 12"x12" Rect Soft	4.84	5	90	435.60	19.40	1,796
CHEVRON 4"x21" Rect Soft	4.42	8	64	282.88	20.31	1,350
BULLNOSE 4"x24" Rect Soft	9.82	16	60	589.00	39.46	2,418

Contemporary

COLOURED-BODY PORCELAIN STONEWARE

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

INTENDED USE

KEY



RESIDENTIAL

Kitchens, bathrooms, living rooms and other residential environments.



LIGHT COMMERCIAL

Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.



INTENSIVE COMMERCIAL

Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.



OUTDOOR

Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



Declare: A voluntary tool, recognized within the LEED credits, that ensures maximum transparency regarding the chemical composition of Panariagroup products and the total absence of substances considered to be harmful to human health and the environment. Declare is capable of guiding the choices of designers and end consumers towards healthier and more environmentally-friendly products.

Green Squared:The logo for Green Squared® involves one industry, one standard, and one mark and covers the gamut of products used in a tile installation. It was the first multi-attribute sustainability standard developed for tiles and tile installation materials. Green Squared® uses the transparency and consensus of the ANSI® process combined with third party certification to evaluate, validate, and communicate products which have a positive impact on the environment and society. Green Squared® covers product characteristics, manufacturing, end of product life management, progressive corporate governance, and innovation in an effort to establish sustainability criteria for products throughout their full life cycle.

EPD: This Environmental Product Declaration is provided by Tile Council of North America (TCNA).

USGBC - LEED: Panaria Ceramica is a member of the U.S. Green Building Council: this is an organisation that promotes buildings that are environmentally responsible, profitable and healthy places to live and work. LEED card is available on request.

Greenguard: This logo indicates that this product has been tested and received GREENGUARD® Gold Certification (formerly known as GREENGUARD® Children & Schools Certification). GREENGUARD® offers strict certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.

HPD: A summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the Green Screen for Safer Chemicals®.

For further details and to download the certifications please visit our website: panaria.us



Flow

GLAZED PORCELAIN STONEWARE







Flow

GLAZED PORCELAIN STONEWARE

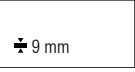
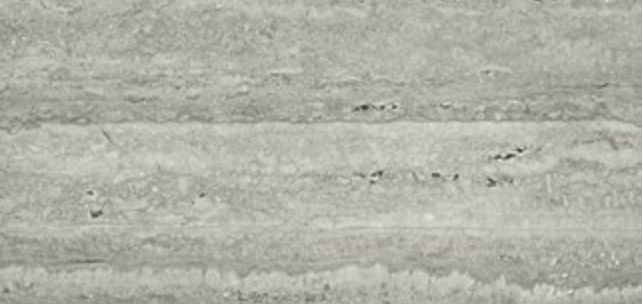
INTENDED USE: NATURAL  

ICE



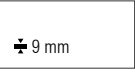
12"x24" - 30x60 cm
NATURAL

GREY



12"x24" - 30x60 cm
NATURAL

NATURAL



12"x24" - 30x60 cm
NATURAL

P R () T E C T ®

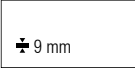
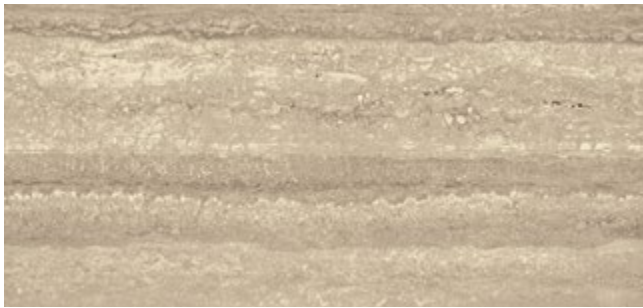
ANTIMICROBIAL SURFACE
with MICROBAN®

IVORY



12"x24" - 30x60 cm
NATURAL

DESERT



12"x24" - 30x60 cm
NATURAL

Flow

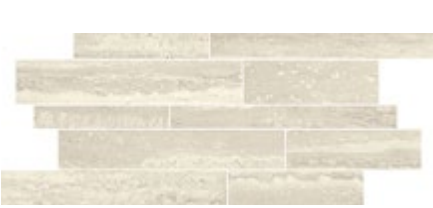
GLAZED PORCELAIN STONEWARE

INTENDED USE: NATURAL  

DECOS



MURETTO ICE Mesh Mounted
12"x28" - 30x71 cm
NATURAL
✚ 9 mm



MURETTO IVORY Mesh Mounted
12"x28" - 30x71 cm
NATURAL
✚ 9 mm



MURETTO GREY Mesh Mounted
12"x28" - 30x71 cm
NATURAL
✚ 9 mm



MURETTO DESERT Mesh Mounted
12"x28" - 30x71 cm
NATURAL
✚ 9 mm



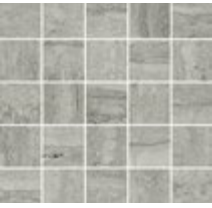
MURETTO NATURAL Mesh Mounted
12"x28" - 30x71 cm
NATURAL
✚ 9 mm



25 PC MOSAIC
ICE
12"x12" - 30x30 cm
NATURAL
✚ 9 mm



25 PC MOSAIC
IVORY
12"x12" - 30x30 cm
NATURAL
✚ 9 mm



25 PC MOSAIC
GREY
12"x12" - 30x30 cm
NATURAL
✚ 9 mm

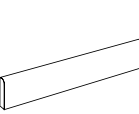


25 PC MOSAIC
DESERT
12"x12" - 30x30 cm
NATURAL
✚ 9 mm



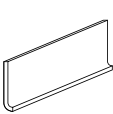
25 PC MOSAIC
NATURAL
12"x12" - 30x30 cm
NATURAL
✚ 9 mm

TRIM PIECES



BULLNOSE
4"x24" - 10x60 cm
NATURAL
✚ 9 mm

All colors available



COVE BASE
6"x12" - 15x30 cm
NATURAL
✚ 9 mm

All colors available

Flow

GLAZED PORCELAIN STONEWARE

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

TECHNICAL FEATURES

GLAZED PORCELAIN STONEWARE according to ANSI A137.1 (Glazed Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0,5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥ 350 lbf 9 mm
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 4 IVORY - DESERT - GREY - NATURAL PEI 5 ICE
 LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4,4 x 10⁻⁶ °F⁻¹ α ≤ 8x 10⁻⁶ °C⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
 FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	-	IW Interior, Wet
 SHADE VARIATION	ANSI A326.3	V2	V2 Slight Variation
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	NOT RECT (INDOOR)	-	3/16" - 4.7 mm approx.
 THICKNESS	SIZES 12"x24" - 30x60 cm	-	9 mm

(*) Excluding hydrofluoric acid and its derivatives.
(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
12"x24" Natural	15.82	8	32	506.34	66.58	2,130
25 PC MOSAIC 12"x12" Natural	3.87	4	81	313.88	16.53	1,339
MURETTO 12"x28" Natural	7.75	4	30	232.50	31.97	959
COVE BASE 6"x12" Natural	3.93	8	108	424.44	16.53	1,666
BULLNOSE 4"x24" Natural	9.82	16	60	589.00	43.88	2,632

Flow

GLAZED PORCELAIN STONEWARE

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

INTENDED USE

KEY

 **RESIDENTIAL**
Kitchens, bathrooms, living rooms and other residential environments.

 **LIGHT COMMERCIAL**
Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.

 **INTENSIVE COMMERCIAL**
Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

 **OUTDOOR**
Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



CERTIFIED PORCELAIN TILE
0,5% or less water absorption



Declare



P R () T E C T ®
ANTIMICROBIAL SURFACE
with MICROBAN®



40%
recycled materials
PANARIAgroup



Certified by **BUREAU VERITAS**



2 GREEN SQUARED
Certified by UL Environment



UL CERTIFIED
ENVIRONMENTAL PRODUCT DECLARATION
E1,LOWGWP



USGBC
MEMBER



UL GREENGUARD
GREENGUARD
ENVIRONMENTAL PRODUCT DECLARATION
E1,LOWGWP
GOLD



hpd

Declare: A voluntary tool, recognized within the LEED credits, that ensures maximum transparency regarding the chemical composition of Panariagroup products and the total absence of substances considered to be harmful to human health and the environment. Declare is capable of guiding the choices of designers and end consumers towards healthier and more environmentally-friendly products.

Green Squared:The logo for Green Squared® involves one industry, one standard, and one mark and covers the gamut of products used in a tile installation. It was the first multi-attribute sustainability standard developed for tiles and tile installation materials. Green Squared® uses the transparency and consensus of the ANSI® process combined with third party certification to evaluate, validate, and communicate products which have a positive impact on the environment and society. Green Squared® covers product characteristics, manufacturing, end of product life management, progressive corporate governance, and innovation in an effort to establish sustainability criteria for products throughout their full life cycle.

EPD: This Environmental Product Declaration is provided by Tile Council of North America (TCNA).

USGBC - LEED: Panaria Ceramica is a member of the U.S. Green Building Council: this is an organisation that promotes buildings that are environmentally responsible, profitable and healthy places to live and work. LEED card is available on request.

Greenguard: This logo indicates that this product has been tested and received GREENGUARD® Gold Certification (formerly known as GREENGUARD® Children & Schools Certification). GREENGUARD® offers strict certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.

HPD: A summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the Green Screen for Safer Chemicals®.

For further details and to download the certifications please visit our website: panaria.us



Moondance

COLOURED-BODY PORCELAIN STONEWARE







Moondance

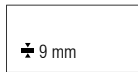
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

WHITE



12"x24" Rect - 30x60 cm
NATURAL



24"x48" Rect - 60x120 cm
NATURAL

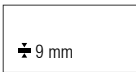


36"x36" Rect - 90x90 cm
NATURAL

FLOOR VIEW



TAUPE



12"x24" Rect - 30x60 cm
NATURAL



24"x48" Rect - 60x120 cm
NATURAL



36"x36" Rect - 90x90 cm
NATURAL

FLOOR VIEW



Moondance

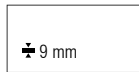
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

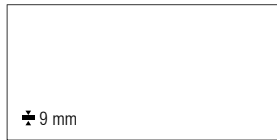
P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

BEIGE



12"x24" Rect - 30x60 cm
NATURAL



24"x48" Rect - 60x120 cm
NATURAL

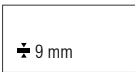


36"x36" Rect - 90x90 cm
NATURAL

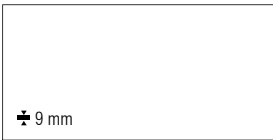
FLOOR VIEW



GRAY



12"x24" Rect - 30x60 cm
NATURAL



24"x48" Rect - 60x120 cm
NATURAL



36"x36" Rect - 90x90 cm
NATURAL

FLOOR VIEW

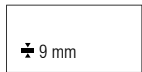


Moondance

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

DARK GRAY



12"x24" Rect - 30x60 cm
NATURAL

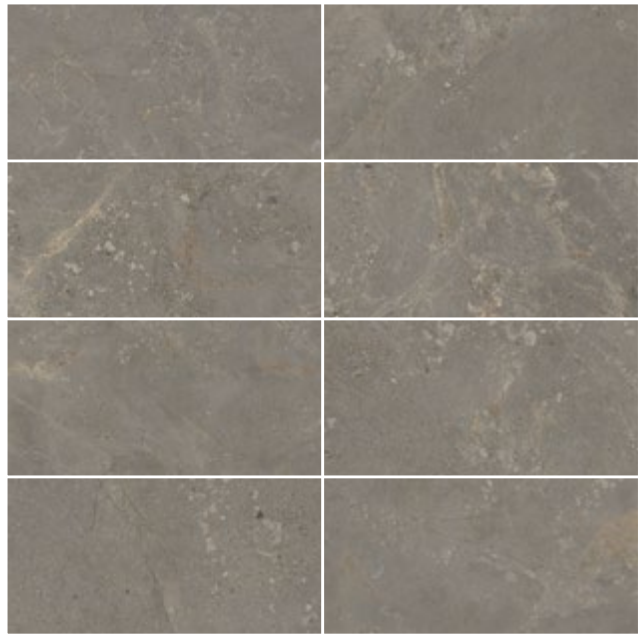


24"x48" Rect - 60x120 cm
NATURAL



36"x36" Rect - 90x90 cm
NATURAL

FLOOR VIEW



P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

Moondance

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

DECOS



TRAPEZOID MOSAIC
WHITE
12"x14" Rect - 30x35 cm
NATURAL
± 9 mm



TRAPEZOID MOSAIC
TAUPE
12"x14" Rect - 30x35 cm
NATURAL
± 9 mm



TRAPEZOID MOSAIC
BEIGE
12"x14" Rect - 30x35 cm
NATURAL
± 9 mm

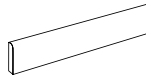


TRAPEZOID MOSAIC
GRAY
12"x14" Rect - 30x35 cm
NATURAL
± 9 mm



TRAPEZOID MOSAIC
DARK GRAY
12"x14" Rect - 30x35 cm
NATURAL
± 9 mm

TRIM PIECES



BULLNOSE
4"x24" - 10x60 cm
NATURAL
± 9 mm

All colors available

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

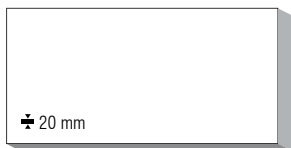
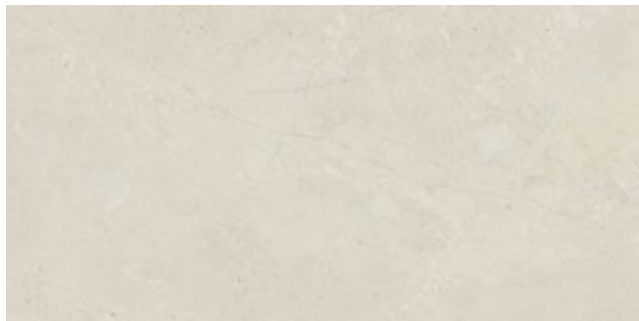
Moondance

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

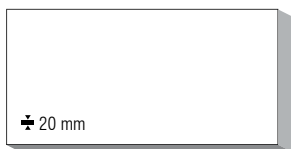
20 mm

WHITE



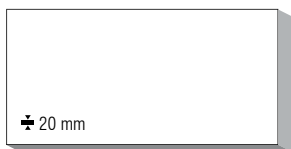
24"x48" Rect - 60x120 cm
ANTI-SLIP

BEIGE



24"x48" Rect - 60x120 cm
ANTI-SLIP

DARK GRAY



24"x48" Rect - 60x120 cm
ANTI-SLIP

PROTECT

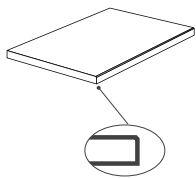
ANTIMICROBIAL SURFACE
with MICROBAN

Moondance

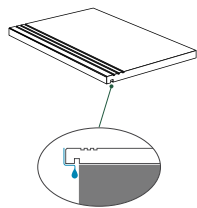
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

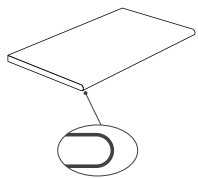
20 mm TRIM PIECES



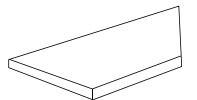
STEP TREAD
12"x24" - 30x60 cm
ANTI-SLIP
20 mm



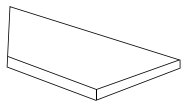
STEP TREAD WITH GROOVES & DRIP FLAP
12"x24" - 30x60 cm
ANTI-SLIP
20 mm



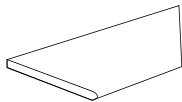
STEP TREAD WITH BULLNOSE
12"x24" - 30x60 cm
ANTI-SLIP
20 mm



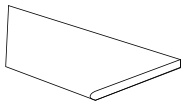
STEP TREAD CORNER LEFT
12"x24" - 30x60 cm
ANTI-SLIP
20 mm



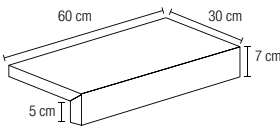
STEP TREAD CORNER RIGHT
12"x24" - 30x60 cm
ANTI-SLIP
20 mm



STEP TREAD WITH BULLNOSE CORNER
LEFT
12"x24" - 30x60 cm
ANTI-SLIP
20 mm



STEP TREAD WITH BULLNOSE CORNER
RIGHT
12"x24" - 30x60 cm
ANTI-SLIP
20 mm



SWIMMING POOL SPECIAL ELEMENTS
3"x12"x24" - 7x30x60 cm
ANTI-SLIP
20 mm

PROTECT

ANTIMICROBIAL SURFACE
with MICROBAN

TRIM PIECES 20 mm: only full boxes sold, manufactured only upon special request

Moondance

COLOURED-BODY PORCELAIN STONEWARE



TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONEWARE according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥450 lbf Natural ≥2,800 lbf Anti-Slip
SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 3 Natural PEI 5 Anti-Slip
LINEAR THERMAL EXPANSION	ASTM C372	Not Required	$\alpha \leq 4.4 \times 10^{-6} \text{ }^{\circ}\text{F}^{-1}$
STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
CHEMICAL RESISTANCE ^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IW+ Interior, Wet Plus - Natural EW Exterior, Wet - Anti-Slip
SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 Slight Variation
FLAME SPREAD	ASTM E84	-	Class A
THERMAL CONDUCTIVITY	EN 12524	-	$\lambda = 1,3 \text{ W/m }^{\circ}\text{K} / 0.7 \text{ BTU/ft h }^{\circ}\text{F}$
RECOMMENDED MINIMUM JOINT ^(**)	RECT (INDOOR)	-	1/8" - 3.2 mm approx.
	OUTDOOR	-	3/16" - 4.7 mm approx.
THICKNESS	SIZES		
	36"x36" Rect - 90x90 cm	-	9 mm
	24"x48" Rect - 60x120 cm	-	9 mm
	12"x24" Rect - 30x60 cm	-	9 mm
	24"x48" Rect - 60x120 cm	-	20 mm

(*) Excluding hydrofluoric acid and its derivatives.
(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16th". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
36"x36" Rect Natural	17.40	2	30	522.00	78.20	2,346
24"x48" Rect Natural	15.39	2	40	615.70	64.98	2,649
12"x24" Rect Natural	15.62	8	32	499.84	58.20	1,912
24"x48" Rect 20 mm Anti-Slip	7.65	1	40	306.00	71.15	2,896
TRAPEZOID MOSAIC 12"x14" Rect Natural	5.60	5	90	504.00	23.00	2,120
BULLNOSE 4"x24" Rect Natural	9.82	16	60	589.00	39.46	2,418

Moondance

COLOURED-BODY PORCELAIN STONEWARE



INTENDED USE

KEY

RESIDENTIAL
Kitchens, bathrooms, living rooms and other residential environments.

LIGHT COMMERCIAL
Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.

INTENSIVE COMMERCIAL
Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

OUTDOOR
Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS

0.5% or less water absorption

PANARIAGROUP

Certified by

Certified by UL Environment

ENVIRONMENTAL PRODUCT DECLARATION (ECPD)

MEMBER

GOLD

Declare: A voluntary tool, recognized within the LEED credits, that ensures maximum transparency regarding the chemical composition of Panariagroup products and the total absence of substances considered to be harmful to human health and the environment. Declare is capable of guiding the choices of designers and end consumers towards healthier and more environmentally-friendly products.

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HPD: A summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the Green Screen for Safer Chemicals®.

For further details and to download the certifications please visit our website: panaria.us



Terrazzo

GLAZED PORCELAIN STONEWARE





White Natural 24"x48" Rect - 60x120 cm
 25 PC Mosaic White Natural 12"x12" Rect - 30x30 cm
 Smoke Natural 36"x36" Rect - 90x90cm



Tortora Natural 36"x36" Rect - 90x90cm



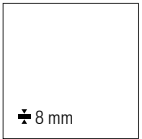
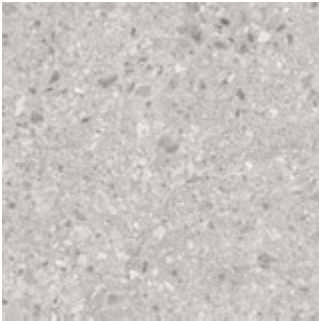


Terrazzo

GLAZED PORCELAIN STONEWARE

INTENDED USE: NATURAL  

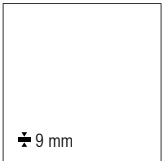
WHITE



24"x24" Rect - 60x60 cm
NATURAL
(Special Order Only)



24"x48" Rect - 60x120 cm
NATURAL

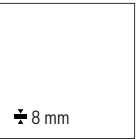


36"x36" Rect - 90x90 cm
NATURAL

FLOOR VIEW



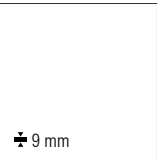
GREY



24"x24" Rect - 60x60 cm
NATURAL
(Special Order Only)



24"x48" Rect - 60x120 cm
NATURAL



36"x36" Rect - 90x90 cm
NATURAL

FLOOR VIEW

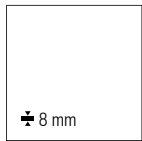
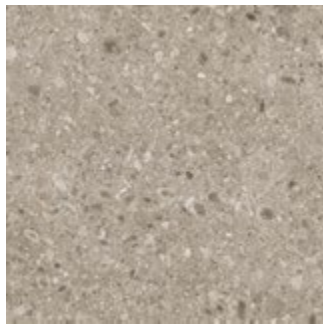


Terrazzo

GLAZED PORCELAIN STONEWARE

INTENDED USE: NATURAL  

TORTORA



24"x24" Rect - 60x60 cm
NATURAL
(Special Order Only)



24"x48" Rect - 60x120 cm
NATURAL

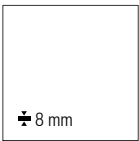
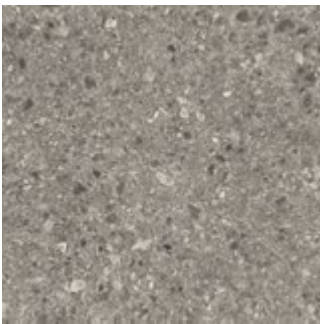


36"x36" Rect - 90x90 cm
NATURAL

FLOOR VIEW



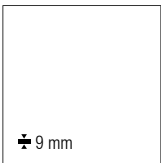
SMOKE



24"x24" Rect - 60x60 cm
NATURAL
(Special Order Only)

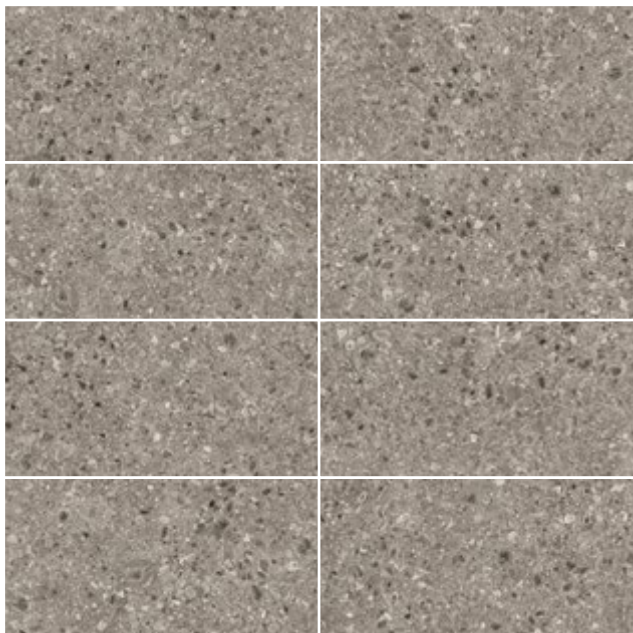


24"x48" Rect - 60x120 cm
NATURAL



36"x36" Rect - 90x90 cm
NATURAL

FLOOR VIEW



Terrazzo

GLAZED PORCELAIN STONEWARE

INTENDED USE: NATURAL  

DECOS



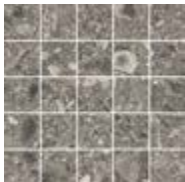
**25 PC MOSAIC
WHITE**
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm



**25 PC MOSAIC
GREY**
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm



**25 PC MOSAIC
TORTORA**
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm

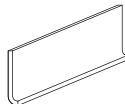


**25 PC MOSAIC
SMOKE**
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm

TRIM PIECES



BULLNOSE
4"x24" - 10x60 cm
NATURAL
± 9 mm



COVE BASE
6"x12" - 15x30 cm
NATURAL
± 9 mm



COVE BASE CORNER
6"x1" - 15x2.5 cm
NATURAL
± 9 mm

(Cove Base & Cove Base Corner are special order only)

Terrazzo

GLAZED PORCELAIN STONWARE

TECHNICAL FEATURES

GLAZED PORCELAIN STONWARE according to ANSI A137.1 (Glazed Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥330 lbf
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 4
 LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4.4 x 10⁻⁶ °F⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
 FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IW+ Interior, Wet Plus
 SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V3 (Moderate Variation)
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	RECT (INDOOR)	-	1/8" - 3.2 mm approx.
 THICKNESS	SIZES		
	24"x24" - 60x60 cm	-	8 mm
	24"x48" - 60x120 cm	-	9 mm
	36"x36" - 90x90 cm	-	9 mm

(*) Excluding hydrofluoric acid and its derivatives.
(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
24"x24" Rect Natural	17.44	2	25	435.94	70.55	1,813
24"x48" Rect Natural	15.50	2	36	558.01	31.97	2,351
36"x36" Rect Natural	15.50	4	36	558.01	54.01	1,994
MOSAIC 25 PCS 12"x12" Rect Natural	4.84	5	90	436.05	17.64	1,638
BULLNOSE 4"x24" Rect Natural	9.82	16	60	589.20	33.80	2,078
COVE BASE 6"x12" Rect Natural	3.93	8	108	424.44	14.96	1,666
COVE BASE CORNER 6"x1" Rect Natural	0.17	4	600	102.00	0.80	530

Terrazzo

GLAZED PORCELAIN STONWARE

INTENDED USE

KEY

 **RESIDENTIAL**
Kitchens, bathrooms, living rooms and other residential environments.

 **LIGHT COMMERCIAL**
Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.

 **INTENSIVE COMMERCIAL**
Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

 **OUTDOOR**
Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



0.5% or less water absorption













Declare: A voluntary tool, recognized within the LEED credits, that ensures maximum transparency regarding the chemical composition of Panariagroup products and the total absence of substances considered to be harmful to human health and the environment. Declare is capable of guiding the choices of designers and end consumers towards healthier and more environmentally-friendly products.

EPD: The environmental product declaration.

USGBC - LEED: Panaria Ceramica is a member of the U.S. Green Building Council: this is an organisation that promotes buildings that are environmentally responsible, profitable and healthy places to live and work. LEED card is available on request.

Greenguard: This logo indicates that this product has been tested and received GREENGUARD® Gold Certification (formerly known as GREENGUARD® Children & Schools Certification). GREENGUARD® offers strict certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.

HPD: A summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the Green Screen for Safer Chemicals®.

For further details and to download the certifications please visit our website: panaria.us



Concrete Look

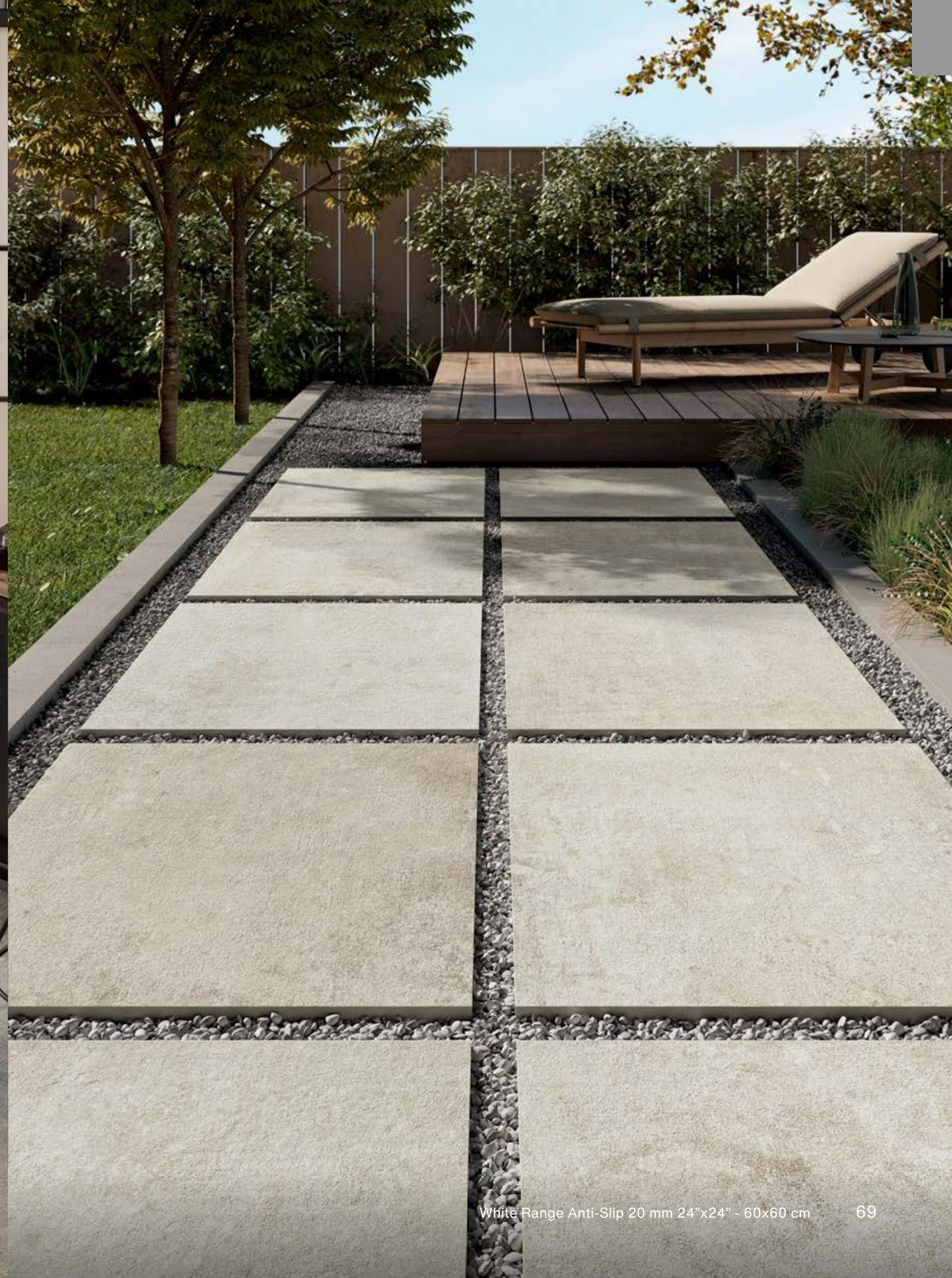
Included Collections

Home
Metropolitan

Home

COLOURED-BODY PORCELAIN STONEWARE







Grey Range Natural 24"x24" Rect - 60x60 cm
Accessory Grey Range Natural 24"x24" Rect - 60x60 cm
25 PC Mosaic Grey Range Natural 12"x12" Rect - 30x30 cm



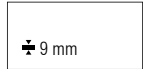
Home

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

P R () T E C T
ANTIMICROBIAL SURFACE
with MICROBAN®

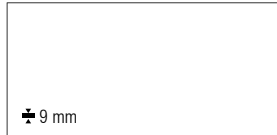
WHITE RANGE



12"x24" Rect - 30x60 cm
NATURAL

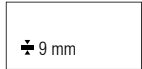


24"x24" Rect - 60x60 cm
NATURAL

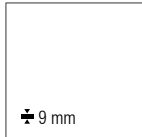


24"x48" Rect - 60x120 cm
NATURAL

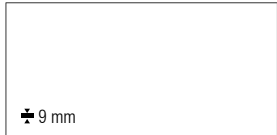
GREY RANGE



12"x24" Rect - 30x60 cm
NATURAL



24"x24" Rect - 60x60 cm
NATURAL



24"x48" Rect - 60x120 cm
NATURAL

FLOOR VIEW



FLOOR VIEW



Home

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

GREIGE RANGE



 9 mm

12"x24" Rect - 30x60 cm
NATURAL

 9 mm

24"x24" Rect - 60x60 cm
NATURAL

 9 mm

24"x48" Rect - 60x120 cm
NATURAL

FLOOR VIEW



P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

Home

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

ACCESSORY



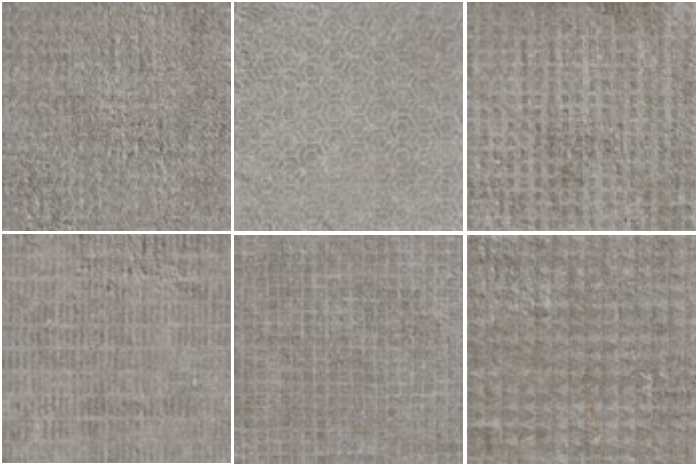
WHITE RANGE

 9 mm

12"x24" Rect - 30x60 cm
NATURAL

 9 mm

24"x24" Rect - 60x60 cm
NATURAL



GREY RANGE

 9 mm

12"x24" Rect - 30x60 cm
NATURAL

 9 mm

24"x24" Rect - 60x60 cm
NATURAL

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®



GREIGE RANGE

 9 mm

12"x24" Rect - 30x60 cm
NATURAL

 9 mm

24"x24" Rect - 60x60 cm
NATURAL

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

DECOS



MURETTO A+B
WHITE RANGE
12"x28" Rect - 30x71 cm
NATURAL
± 9 mm



MURETTO A+B
GREIGE RANGE
12"x28" Rect - 30x71 cm
NATURAL
± 9 mm



MURETTO A+B
GREY RANGE
12"x28" Rect - 30x71 cm
NATURAL
± 9 mm



25 PC MOSAIC
WHITE RANGE
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm

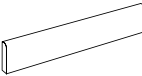


25 PC MOSAIC
GREIGE RANGE
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm



25 PC MOSAIC
GREY RANGE
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm

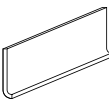
TRIM PIECES



BULLNOSE
4"x24" Rect - 10x60 cm
NATURAL
± 9 mm

All colors available

(Cove Base is special order only)



COVE BASE
6"x12" Rect - 15x30 cm
NATURAL
± 9 mm

All colors available

PROTECT

ANTIMICROBIAL SURFACE
with MICROBAN®

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

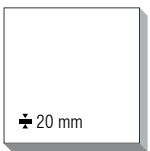
20 mm

WHITE RANGE



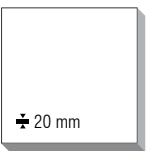
24"x24" - 60x60 cm
ANTI-SLIP

GREY RANGE



24"x24" - 60x60 cm
ANTI-SLIP

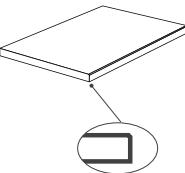
GREIGE RANGE



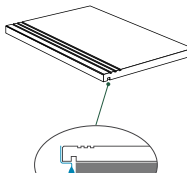
24"x24" - 60x60 cm
ANTI-SLIP

20 mm

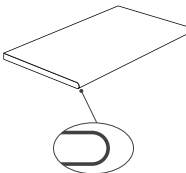
TRIM PIECES



STEP TREAD
12"x24" - 30x60 cm
ANTI-SLIP
± 20 mm



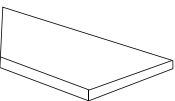
STEP TREAD WITH GROOVES & DRIP FLAP
12"x24" - 30x60 cm
ANTI-SLIP
± 20 mm



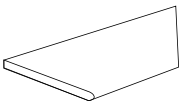
STEP TREAD WITH BULLNOSE
12"x24" - 30x60 cm
ANTI-SLIP
± 20 mm



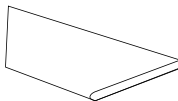
STEP TREAD CORNER LEFT
12"x24" - 30x60 cm
ANTI-SLIP
± 20 mm



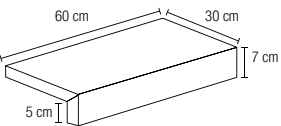
STEP TREAD CORNER RIGHT
12"x24" - 30x60 cm
ANTI-SLIP
± 20 mm



STEP TREAD WITH BULLNOSE CORNER
LEFT
12"x24" - 30x60 cm
ANTI-SLIP
± 20 mm



STEP TREAD WITH BULLNOSE CORNER
RIGHT
12"x24" - 30x60 cm
ANTI-SLIP
± 20 mm



SWIMMING POOL SPECIAL ELEMENTS
3"x12"x24" - 7x30x60 cm
ANTI-SLIP
± 20 mm

TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONEWARE according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥425 lbf Natural ≥2,800 lbf Anti-Slip
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 5 White Range PEI 4 Grey Range, Greige Range
 LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4,4 x 10⁻⁶ °F⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
 FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IW+ Interior, Wet Plus - Natural EW Exterior, Wet - Anti-Slip
 SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 Slight Variation
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	RECT (INDOOR)	-	1/8" - 3.2 mm approx.
	OUTDOOR	-	3/16" - 4.7 mm approx.
 THICKNESS	SIZES		
	12"x24" Rect - 30x60 cm	-	9 mm
	24"x24" Rect - 60x60 cm	-	9 mm
	24x48" Rect - 60x120 cm	-	9 mm
	24"x24" - 60x60 cm	-	20 mm

(*) Excluding hydrofluoric acid and its derivatives.
(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
24"x48" Rect Natural	15.61	2	36	561.96	71.65	2,579
24"x24" Rect Natural	15.61	4	36	561.96	64.48	2,321
12"x24" Rect Natural	15.61	8	32	499.52	64.48	2,063
24"x24" 20 mm Anti-Slip	8.03	2	36	289.08	73.85	2,659
ACCESSORY 24"x24" Rect Natural	15.61	4	36	561.96	64.48	2,321
ACCESSORY 12"x24" Rect Natural	15.61	8	32	499.52	64.48	2,063
25 PC MOSAIC 12"x12" Rect Natural	3.87	4	81	313.47	14.89	1,206
MURETTO 12"x28" Rect Natural	7.75	4	30	232.50	28.78	863.4
BULLNOSE 4"x24" Rect Natural	9.82	16	60	589.20	39.46	2,368
COVE BASE 6"x12" Natural	3.87	8	108	417.90	16.50	1,782

INTENDED USE

KEY



RESIDENTIAL

Kitchens, bathrooms, living rooms and other residential environments.



LIGHT COMMERCIAL

Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.



INTENSIVE COMMERCIAL

Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.



OUTDOOR

Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



Declare: A voluntary tool, recognized within the LEED credits, that ensures maximum transparency regarding the chemical composition of Panariagroup products and the total absence of substances considered to be harmful to human health and the environment. Declare is capable of guiding the choices of designers and end consumers towards healthier and more environmentally-friendly products.

Green Squared:The logo for Green Squared® involves one industry, one standard, and one mark and covers the gamut of products used in a tile installation. It was the first multi-attribute sustainability standard developed for tiles and tile installation materials. Green Squared® uses the transparency and consensus of the ANSI® process combined with third party certification to evaluate, validate, and communicate products which have a positive impact on the environment and society. Green Squared® covers product characteristics, manufacturing, end of product life management, progressive corporate governance, and innovation in an effort to establish sustainability criteria for products throughout their full life cycle.

EPD: This Environmental Product Declaration is provided by Tile Council of North America (TCNA).

USGBC - LEED: Panaria Ceramica is a member of the U.S. Green Building Council: this is an organisation that promotes buildings that are environmentally responsible, profitable and healthy places to live and work. LEED card is available on request.

Greenguard: This logo indicates that this product has been tested and received GREENGUARD® Gold Certification (formerly known as GREENGUARD® Children & Schools Certification). GREENGUARD® offers strict certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.

HPD: A summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the Green Screen for Safer Chemicals®.

For further details and to download the certifications please visit our website: panaria.us



Metropolitan

GLAZED PORCELAIN STONEWARE







Metropolitan

GLAZED PORCELAIN STONEWARE

INTENDED USE: NATURAL  

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

FAIR



12"x24" - 30x60 cm
NATURAL

STAINED



12"x24" - 30x60 cm
NATURAL

SOLID



12"x24" - 30x60 cm
NATURAL

INFUSED



12"x24" - 30x60 cm
NATURAL

ACCESSORY



LIGHT STRIPES



12"x24" - 30x60 cm
NATURAL



DARK STRIPES



12"x24" - 30x60 cm
NATURAL

Metropolitan

GLAZED PORCELAIN STONEWARE

INTENDED USE: NATURAL  

DECOS



16 PCS MOSAIC

FAIR

12"x12" - 30x30 cm
NATURAL
± 9 mm



16 PCS MOSAIC

STAINED

12"x12" - 30x30 cm
NATURAL
± 9 mm



16 PCS MOSAIC

SOLID

12"x12" - 30x30 cm
NATURAL
± 9 mm

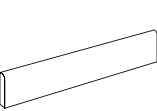


16 PCS MOSAIC

INFUSED

12"x12" - 30x30 cm
NATURAL
± 9 mm

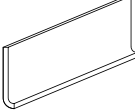
TRIM PIECES



BULLNOSE

3"x12" - 8x30 cm
NATURAL
± 9 mm

All colors available



COVE BASE

6"x12" - 15x30 cm
NATURAL
± 9 mm

All colors available

(Cove Base is special order only)

Metropolitan

GLAZED PORCELAIN STONEWARE

INTENDED USE: NATURAL   

TECHNICAL FEATURES

GLAZED PORCELAIN STONEWARE according to ANSI A137.1 (Glazed Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES - ANSI A137.1	METROPOLITAN AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	350 lbf 9 mm
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 5 FAIR - STAINED - SOLID PEI 4 INFUSED
 LINEAR THERMAL EXPANSION	ASTM C372	No provision	$\alpha \leq 4.4 \times 10^{-6} \text{ }^{\circ}\text{F}^{-1}$ $\alpha \leq 8 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	A RESISTANT
 CHEMICAL RESISTANCE ^(*)	ASTM C650	As indicated by manufacturer	A RESISTANT
 FROST RESISTANCE	ASTM C1026	As indicated by manufacturer	RESISTANT
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	-	IW+ Interior, Wet Plus - Natural
 SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 Slight variation
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	$\lambda = 1,3 \text{ W/m }^{\circ}\text{K} / 0.7 \text{ BTU/ft h }^{\circ}\text{F}$
 RECOMMENDED MINIMUM JOINT ^(**)	NOT RECT (INDOOR)	-	3/16" - 4.7 mm approx.
 THICKNESS	SIZES		
	12"x24" - 30x60 cm	-	9 mm

(*) Excluding hydrofluoric acid and its derivatives.
(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
12"x24" Natural	15.82	8	32	506.24	66.57	2,130
LIGHT/DARK STRIPES 12"x24" Natural	15.82	8	32	506.24	66.57	2,130
MOSAIC 16 PCS 12"x12" Natural	3.88	4	81	313.88	16.53	1,339
COVE BASE 6"x12" Natural	3.87	8	108	424.44	16.53	1,785
BULLNOSE 3"x12" Natural	5.17	20	112	579.04	19.84	2,222

Metropolitan

GLAZED PORCELAIN STONEWARE

INTENDED USE

KEY

 RESIDENTIAL
Kitchens, bathrooms, living rooms and other residential environments.

 LIGHT COMMERCIAL
Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.

 INTENSIVE COMMERCIAL
Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

 OUTDOOR
Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



0.5% or less water absorption





recycled materials
PANARIAGROUP



Certified by
BUREAU
VERITAS



Certified by UL Environment



CERTIFIED
ENVIRONMENTAL
PRODUCT DECLARATION
BLOWNUP



USGBC
MEMBER



GREENGUARD
ENVIRONMENTAL
PRODUCT DECLARATION
LOW GREENHOUSE GAS EMISSIONS
UL GREENGUARD
LIFE CYCLE
GOLD



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EPD: This Environmental Product Declaration is provided by Tile Council of North America (TCNA).

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Greenguard: This logo indicates that this product has been tested and received GREENGUARD® Gold Certification (formerly known as GREENGUARD® Children & Schools Certification). GREENGUARD® offers strict certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.

HPD: A summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the Green Screen for Safer Chemicals®.

For further details and to download the certifications please visit our website: panaria.us





Marble Look

Included Collections

- Luxe Ensemble
- Prestige
- Suite

Luxe Ensemble

COLOURED-BODY PORCELAIN STONEWARE





Taj Mahal Soft 36"x36" Rect - 90x90 cm
Taj Mahal Lux 24"x48" Rect - 60x120 cm
Diamond Mosaic Taj Mahal Lux 10"x15" Rect - 25x40 cm
36 PC Mosaic Taj Mahal Soft 12"x12" Rect - 30x30 cm



St. Denis Soft 36"x36" Rect - 90x90 cm
Ingot Mosaic Lux 8"x14" Rect - 22x36 cm



Luxe Ensemble

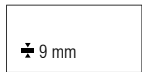
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LUX  

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

STATUARIO



12"x24" Rect - 30x60 cm
SOFT
LUX



24"x48" Rect - 60x120 cm
SOFT
LUX

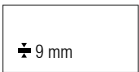
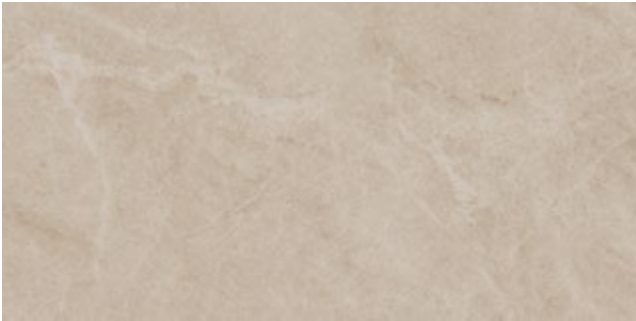


36"x36" Rect - 90x90 cm
SOFT
LUX

FLOOR VIEW



TAJ MAHAL



12"x24" Rect - 30x60 cm
SOFT
LUX



24"x48" Rect - 60x120 cm
SOFT
LUX



36"x36" Rect - 90x90 cm
SOFT
LUX

FLOOR VIEW



Luxe Ensemble

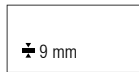
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LUX  

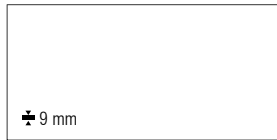
P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

CAMOUFLAGE



12"x24" Rect - 30x60 cm
SOFT
LUX

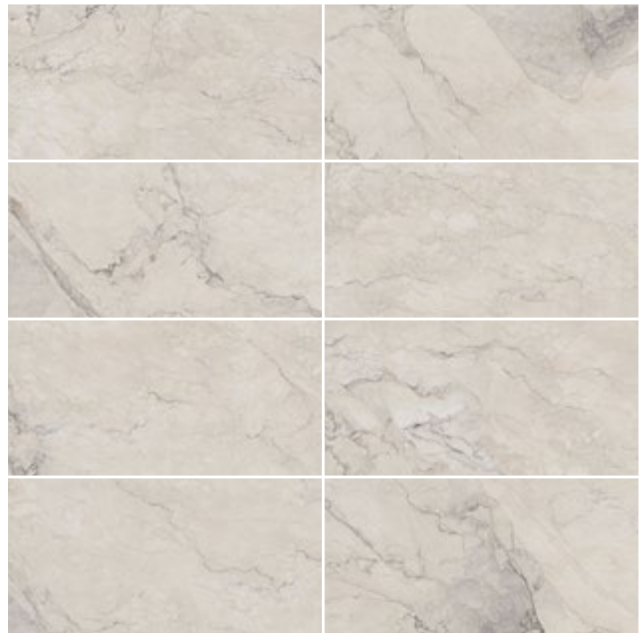


24"x48" Rect - 60x120 cm
SOFT
LUX

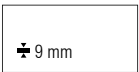
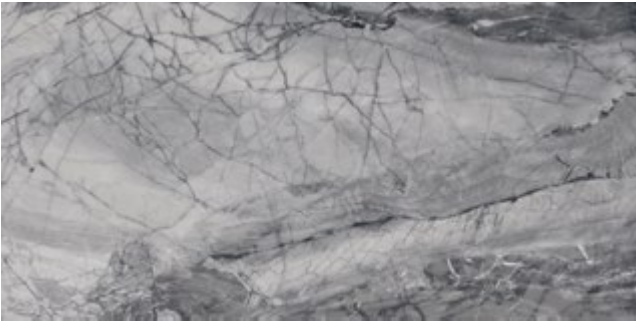


36"x36" Rect - 90x90 cm
SOFT
LUX

FLOOR VIEW



QUARTZITE



12"x24" Rect - 30x60 cm
SOFT
LUX

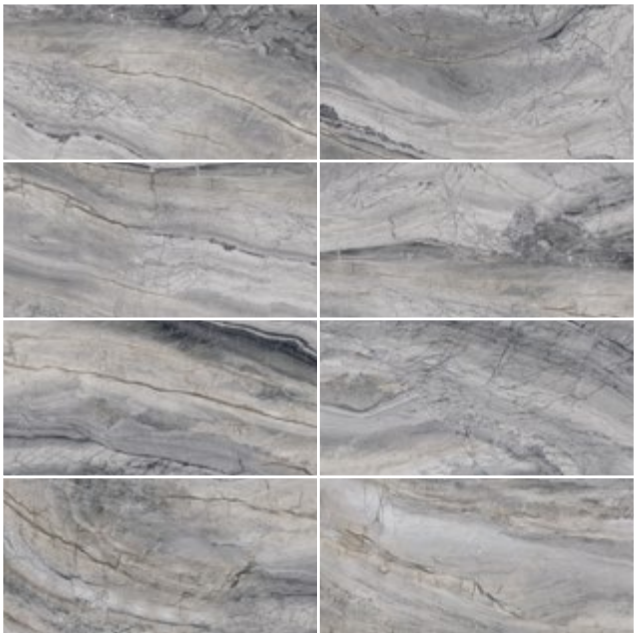


24"x48" Rect - 60x120 cm
SOFT
LUX



36"x36" Rect - 90x90 cm
SOFT
LUX

FLOOR VIEW

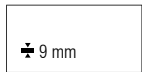


Luxe Ensemble

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LUX  

ST. DENIS



12"x24" Rect - 30x60 cm
SOFT
LUX

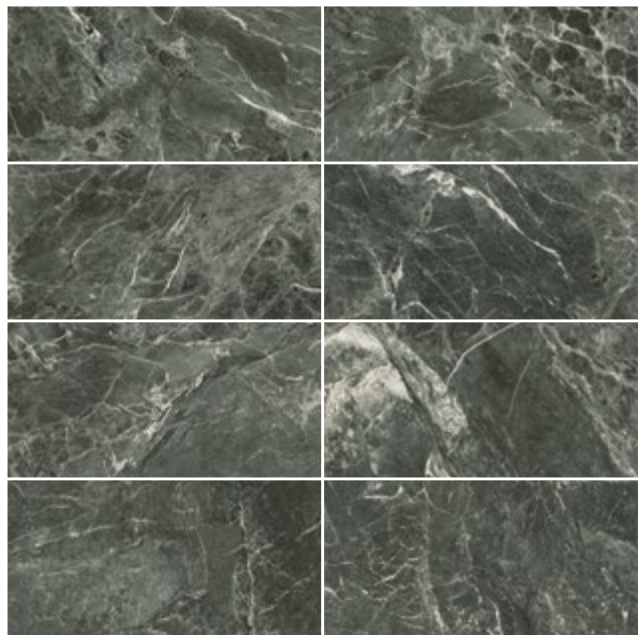


24"x48" Rect - 60x120 cm
SOFT
LUX



36"x36" Rect - 90x90 cm
SOFT
LUX

FLOOR VIEW



P R () T E C T ®

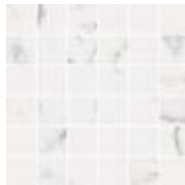
ANTIMICROBIAL SURFACE
with MICROBAN®

Luxe Ensemble

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LUX  

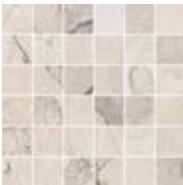
DECOS



36 PC MOSAIC
STATUARIO
12"x12" Rect - 30x30 cm
SOFT
± 9 mm



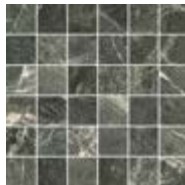
36 PC MOSAIC
TAJ MAHAL
12"x12" Rect - 30x30 cm
SOFT
± 9 mm



36 PC MOSAIC
CAMOUFLAGE
12"x12" Rect - 30x30 cm
SOFT
± 9 mm



36 PC MOSAIC
QUARTZITE
12"x12" Rect - 30x30 cm
SOFT
± 9 mm



36 PC MOSAIC
ST. DENIS
12"x12" Rect - 30x30 cm
SOFT
± 9 mm



DIAMOND MOSAIC
STATUARIO
10"x15" Rect - 25x40 cm
LUX
± 9 mm



DIAMOND MOSAIC
TAJ MAHAL
10"x15" Rect - 25x40 cm
LUX
± 9 mm



DIAMOND MOSAIC
CAMOUFLAGE
10"x15" Rect - 25x40 cm
LUX
± 9 mm



DIAMOND MOSAIC
QUARTZITE
10"x15" Rect - 25x40 cm
LUX
± 9 mm



DIAMOND MOSAIC
ST. DENIS
10"x15" Rect - 25x40 cm
LUX
± 9 mm

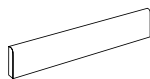


DIAMOND MOSAIC
COLOR MIX: STATUARIO & ST. DENIS
10"x15" Rect - 25x40 cm
LUX
± 9 mm



INGOT MOSAIC
COLOR MIX: STATUARIO, TAJ MAHAL &
ST. DENIS
8"x14" Rect - 22x36 cm
LUX
± 9 mm

TRIM PIECES



BULLNOSE
4"x24" Rect - 10x60 cm
SOFT
LUX
± 9 mm

All colors available

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

Luxe Ensemble

COLOURED-BODY PORCELAIN STONEWARE



TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONEWARE(*) according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥450 lbf
SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 3
LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4.4 x 10 ⁻⁶ °F ⁻¹
STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
CHEMICAL RESISTANCE(**)	ASTM C650	As indicated by manufacturer	AS REPORTED
FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IW Interior, Wet - Soft ID Interior, Dry - Lux
SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V3 Moderate Variation
FLAME SPREAD	ASTM E84	-	Class A
THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
RECOMMENDED MINIMUM JOINT(***)	RECT (INDOOR)	-	1/8" - 3.2 mm approx.
THICKNESS	SIZES		
	36"x36" - Rect Soft - Lux	-	9 mm
	24"x48" - Rect Soft - Lux	-	9 mm
	12"x24" - Rect Soft - Lux	-	9 mm

(*) The color St. Denis is manufactured using standard body, not coloured-body.
(**) Excluding hydrofluoric acid and its derivatives.
(***) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
36"x36" Rect Soft - Lux	17.40	2	30	522.00	78.20	2,346
24"x48" Rect Soft - Lux	15.39	2	40	615.70	64.98	2,649
12"x24" Rect Soft - Lux	15.62	8	32	499.84	58.20	1,912
36 PC MOSAIC 12"x12" Rect Soft	4.84	5	90	435.60	17.64	1,638
DIAMOND MOSAIC 10"x15" Rect Lux	5.40	5	60	324.00	22.00	1,370
INGOT MOSAIC 8"x14" Rect Lux	4.25	5	60	255.00	18.00	1,130
BULLNOSE 4"x24" Rect Soft - Lux	9.82	16	60	589.00	39.46	2,418

Luxe Ensemble

COLOURED-BODY PORCELAIN STONEWARE



INTENDED USE

KEY

RESIDENTIAL
Kitchens, bathrooms, living rooms and other residential environments.

LIGHT COMMERCIAL
Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.

INTENSIVE COMMERCIAL
Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

OUTDOOR
Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



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Prestige

COLOURED-BODY PORCELAIN STONEWARE









Prestige

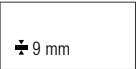
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT LUX

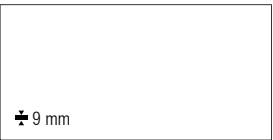
P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

CALACATTA GOLD

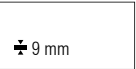


12"x24" Rect - 30x60 cm
SOFT
LUX



24"x48" Rect - 60x120 cm
SOFT
LUX

ONICE CREAM



12"x24" Rect - 30x60 cm
SOFT
LUX



24"x48" Rect - 60x120 cm
SOFT
LUX

FLOOR VIEW



FLOOR VIEW



Prestige

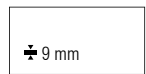
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LUX  

P R () T E C T ®
ANTIMICROBIAL SURFACE
with **MICROBAN®**

TRAVERTINO WHITE





12"x24" Rect - 30x60 cm
SOFT
LUX



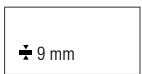
24"x48" Rect - 60x120 cm
SOFT
LUX

FLOOR VIEW



IMPERIALE GREY





12"x24" Rect - 30x60 cm
SOFT
LUX



24"x48" Rect - 60x120 cm
SOFT
LUX

FLOOR VIEW



Prestige

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT   LUX  

P R () T E C T ®
ANTIMICROBIAL SURFACE
with **MICROBAN®**

DECOS



CHEVRON
CALACATTA GOLD
4"x21" Rect - 10x53 cm
SOFT
✚ 9 mm



CHEVRON
ONICE CREAM
4"x21" Rect - 10x53 cm
SOFT
✚ 9 mm



CHEVRON
TRAVERTINO WHITE
4"x21" Rect - 10x53 cm
SOFT
✚ 9 mm



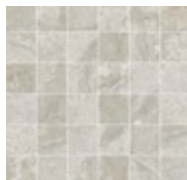
CHEVRON
IMPERIALE GREY
4"x21" Rect - 10x53 cm
SOFT
✚ 9 mm



36 PC MOSAIC
CALACATTA GOLD
12"x12" Rect - 30x30 cm
LUX
SOFT
✚ 9 mm



36 PC MOSAIC
ONICE CREAM
12"x12" Rect - 30x30 cm
LUX
SOFT
✚ 9 mm



36 PC MOSAIC
TRAVERTINO WHITE
12"x12" Rect - 30x30 cm
LUX
SOFT
✚ 9 mm

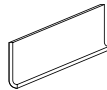


36 PC MOSAIC
IMPERIALE GREY
12"x12" Rect - 30x30 cm
LUX
SOFT
✚ 9 mm

TRIM PIECES



BULLNOSE
4"x24" - 10x60 cm
LUX
SOFT
✚ 9 mm



COVE BASE
6"x12" - 15x30 cm
SOFT
✚ 9 mm

(Cove Base is special order only)

CHEVRON:
Each box contains 4 right arrows and 4 left arrows

Prestige

COLOURED-BODY PORCELAIN STONEWARE



TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONEWARE(*) according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥350 lbf
SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 3
LINEAR THERMAL EXPANSION	ASTM C372	Not Required	$\alpha \leq 4,4 \times 10^{-6} \text{ }^{\circ}\text{F}^{-1}$
STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
CHEMICAL RESISTANCE ^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IW+ Interior, Wet Plus - Soft ID Interior, Dry - Lux
SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V3 Moderate Variation Onice Cream - Imperiale Grey V4 Substantial Variation Calacatta Gold - Travertino White
FLAME SPREAD	ASTM E84	-	Class A
THERMAL CONDUCTIVITY	EN 12524	-	$\lambda = 1,3 \text{ W/m }^{\circ}\text{K} / 0.7 \text{ BTU/ft h }^{\circ}\text{F}$
RECOMMENDED MINIMUM JOINT ^(**)	RECT (INDOOR)	-	1/8" - 3.2 mm approx.
THICKNESS	SIZES		
	24"x48" Rect - 60x120 cm	-	9 mm
	12"x24" Rect - 30x60 cm	-	9 mm

(*) Excluding hydrofluoric acid and its derivatives.
(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
24"x48" Rect Soft - Lux	15.39	2	40	615.70	64.98	2,649
12"x24" Rect Soft - Lux	15.62	8	32	499.84	58.20	1,912
36 PCS MOSAIC 12"x12" Rect Soft - Lux	4.84	5	90	435.60	17.64	1,638
CHEVRON 4"x21" Rect Soft	4.42	8	64	282.88	20.31	1,350
BULLNOSE 4"x24" Rect Soft - Lux	9.82	16	60	589.00	39.46	2,418
COVE BASE 6"x12" Rect Soft	3.87	8	108	417.96	16.53	1,785

Prestige

COLOURED-BODY PORCELAIN STONEWARE



INTENDED USE

KEY

RESIDENTIAL
Kitchens, bathrooms, living rooms and other residential environments.

LIGHT COMMERCIAL
Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.

INTENSIVE COMMERCIAL
Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

OUTDOOR
Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS

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Suite

COLOURED-BODY PORCELAIN STONEWARE





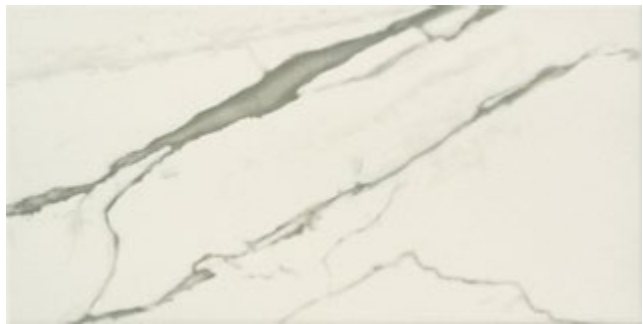


Suite

COLOURED-BODY PORCELAIN STONEWARE

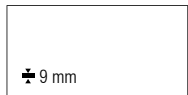
INTENDED USE: NATURAL   ANTI-SLIP 

STATUE



 9 mm

4"x12" Rect - 10x30 cm
NATURAL

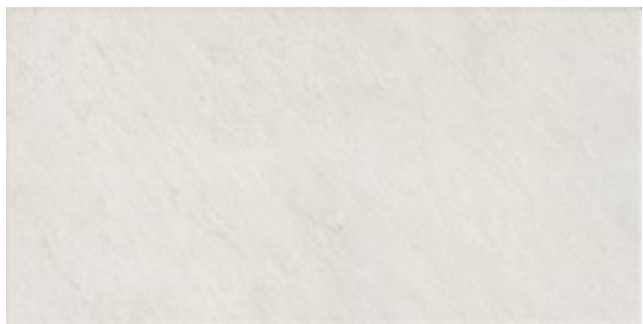


12"x24" - 30x60 cm
NATURAL



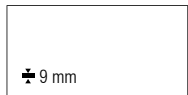
24"x24" - 60x60 cm
NATURAL

ICE



 9 mm

4"x12" Rect - 10x30 cm
NATURAL



12"x24" - 30x60 cm
NATURAL



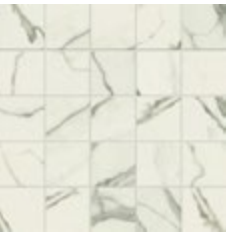
24"x24" - 60x60 cm
NATURAL

Suite

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   ANTI-SLIP 

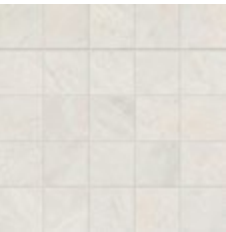
DECOS



25 PC MOSAIC
STATUE
12"x12" - 30x30 cm
NATURAL
 9 mm



25 PC MOSAIC
ARABESQUE
12"x12" - 30x30 cm
NATURAL
 9 mm



25 PC MOSAIC
ICE
12"x12" - 30x30 cm
NATURAL
 9 mm

TRIM PIECES



BULLNOSE
3"x12" - 8x30 cm
NATURAL
 9 mm

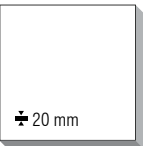


COVE BASE
6"x12" - 15x30 cm
NATURAL
 9 mm

(Cove Base is special order only)

20 mm

ARABESQUE



24"x24" - 60x60 cm
ANTI-SLIP

Suite

COLOURED-BODY PORCELAIN STONEWARE

TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONEWARE according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥ 450 lbf 9 mm ≥ 2800 lbf 20 mm
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 5
 LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4.4 x 10⁻⁶ °F⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
 FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IW+ Interior, Wet Plus - Natural EW Exteriores, Wet -Anti-Slip
 SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 Slight Variation
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	INDOOR	-	1/8" - 3.2 mm approx.
	OUTDOOR	-	3/16" - 4.7 mm approx.
 THICKNESS	SIZES		
	24"x24" - 60x60 cm	-	9 mm
	12"x24" - 30x60 cm	-	9 mm
	4"x12" - 10x30 cm	-	9 mm
	24"x24" - 60x60 cm	-	20 mm

(*) Excluding hydrofluoric acid and its derivatives.

(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
24"x24" Natural	15.82	4	36	569.52	71.65	2,579
12"x24" Natural	15.61	8	32	499.45	64.48	2,063
4"x12" Rect Natural	6.12	20	80	489.28	29.76	2,381
24"x24" 20 mm Anti-Slip	8.03	2	36	289.08	73.85	2,659
25 PC MOSAIC 12"x12" Natural	3.87	4	90	348.30	16.53	1,488
COVE BASE 6"x12" Natural	3.93	8	108	424.44	14.96	1,666
BULLNOSE 3"x12" Natural	5.17	20	112	579.04	19.84	2,222

Suite

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE

KEY



RESIDENTIAL

Kitchens, bathrooms, living rooms and other residential environments.



LIGHT COMMERCIAL

Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.



INTENSIVE COMMERCIAL

Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.



OUTDOOR

Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



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Green Squared:The logo for Green Squared® involves one industry, one standard, and one mark and covers the gamut of products used in a tile installation. It was the first multi-attribute sustainability standard developed for tiles and tile installation materials. Green Squared® uses the transparency and consensus of the ANSI® process combined with third party certification to evaluate, validate, and communicate products which have a positive impact on the environment and society. Green Squared® covers product characteristics, manufacturing, end of product life management, progressive corporate governance, and innovation in an effort to establish sustainability criteria for products throughout their full life cycle.

EPD: This Environmental Product Declaration is provided by Tile Council of North America (TCNA).

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HPD: A summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the Green Screen for Safer Chemicals®.

For further details and to download the certifications please visit our website: panaria.us





Wood Look

Included Collections

Life
Wood Trend

Life

GLAZED PORCELAIN STONEWARE







Life

GLAZED PORCELAIN STONEWARE

INTENDED USE: NATURAL  

POLAR



± 9 mm

8"x36" - 20x90 cm
NATURAL

SMOOTH



± 9 mm

8"x36" - 20x90 cm
NATURAL

SMOKE



± 9 mm

8"x36" - 20x90 cm
NATURAL

HAY



± 9 mm

8"x36" - 20x90 cm
NATURAL

BOURBON



± 9 mm

8"x36" - 20x90 cm
NATURAL

Life

GLAZED PORCELAIN STONEWARE

INTENDED USE: NATURAL  

DECOS



HERRINGBONE MODULUS A-B
POLAR
10"x24" - 25x60 cm
NATURAL
± 9 mm



HERRINGBONE MODULUS A-B
BOURBON
10"x24" - 25x60 cm
NATURAL
± 9 mm



HERRINGBONE MODULUS A-B
HAY
10"x24" - 25x60 cm
NATURAL
± 9 mm

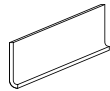


HERRINGBONE MODULUS A-B
SMOKE
10"x24" - 25x60 cm
NATURAL
± 9 mm



HERRINGBONE MODULUS A-B
SMOOTH
10"x24" - 25x60 cm
NATURAL
± 9 mm

TRIM PIECES



COVE BASE
6"x12" - 15x30 cm
NATURAL
± 9 mm

(Cove Base is special order only)

Life

GLAZED PORCELAIN STONWARE

TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONWARE(*) according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥ 350 lbf
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 4: POLAR - HAY PEI 3: SMOOTH - BOURBON - SMOKE
 LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4.4 x 10⁻⁶ °F⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
 FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IW+ Interior, Wet Plus - Natural
 SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 Slight Variation
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	RECT	-	1/8" - 3.2 mm approx.
 THICKNESS	SIZES 8"x36" - 20x90 cm	-	9 mm

(*) Excluding hydrofluoric acid and its derivatives.

(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
8"x36" Natural	13.94	7	48	669.00	53.37	2,562
HERRINGBONE MODULUS A-B 10"x24" Natural	5.54	6	35	193.90	27.60	966
COVE BASE 6"x12" Natural	3.87	8	108	417.96	16.50	1,782

Life

GLAZED PORCELAIN STONWARE

INTENDED USE

KEY

 RESIDENTIAL Kitchens, bathrooms, living rooms and other residential environments.	 LIGHT COMMERCIAL Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.	 INTENSIVE COMMERCIAL Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.	 OUTDOOR Mainly for external areas that require flooring with anti-slip characteristics.
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PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



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Wood Trend

COLOURED-BODY PORCELAIN STONEWARE









Wood Trend

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL   

WHITE OAK



 9 mm

8"x36" - 20x90 cm
NATURAL

BIRCH



 9 mm

8"x36" - 20x90 cm
NATURAL

ELM



 9 mm

8"x36" - 20x90 cm
NATURAL

MAHOGANY



 9 mm

8"x36" - 20x90 cm
NATURAL

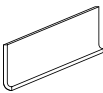
WALNUT MULTI



 9 mm

8"x36" - 20x90 cm
NATURAL

TRIM PIECES



COVE BASE
6"x12" - 15x30 cm
NATURAL
 9 mm



COVE BASE CORNER
6"x1" - 15x2.5 cm
NATURAL

(Cove Base & Cove Base Corner are special order only)

Wood Trend

COLOURED-BODY PORCELAIN STONEWARE

TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONEWARE according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥350 lbf
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 4
 LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4,4 x 10⁻⁶ °F⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
 FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IIW+ Interior, Wet Plus - Natural
 SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 Slight Variation White Oak V3 Moderate Variation Birch - Elm - Mahogany V4 Substantial Variation Walnut Multi
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	NOT RECT (INDOOR)	-	3/16" - 4.7 mm approx.
 THICKNESS	SIZES 8"x36" - 20x90 cm	-	9 mm

(*) Excluding hydrofluoric acid and its derivatives.

(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
8"x36" Natural	13.94	7	48	669.00	53.37	2,562
COVE BASE 6"x12" Natural	3.87	8	108	417.96	16.50	1,782

Wood Trend

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE

KEY



RESIDENTIAL

Kitchens, bathrooms, living rooms and other residential environments.



LIGHT COMMERCIAL

Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.



INTENSIVE COMMERCIAL

Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.



OUTDOOR

Mainly for external areas that require flooring with anti-slip characteristics.

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Chromatic

Included Collections

Playlist
Playlist+

Playlist_Classical Beige Soft 8"x8" - 20x20 cm
Playlist_Ska Blue Soft 8"x8" - 20x20 cm
Playlist_Color Mix Soft 8"x8" - 20x20 cm

Playlist

GLAZED PORCELAIN STONEWARE



Classical Beige Soft 8"x8" - 20x20 cm
Grunge Greige Soft 8"x8" - 20x20 cm
Folk Green Soft 8"x8" - 20x20 cm
New-Age Terracotta Soft 8"x8" - 20x20 cm
Indie Rust Soft 8"x8" - 20x20 cm
Ska Blue Soft 8"x8" - 20x20 cm
Synth Black Soft 8"x8" - 20x20 cm
Color Mix Soft 8"x8" - 20x20 cm



Ambient White Soft 2.75"x11" - 7x28 cm
 Grunge Greige Soft 2.75"x11" - 7x28 cm
 Ambient White Soft 8"x8" - 20x20 cm
 Synth Black Soft 8"x8" - 20x20 cm



Ambient White Soft 2.75"x11" - 7x28 cm
 Ambient White Soft 8"x8" - 20x20 cm
 Gothic Grey Soft 8"x8" - 20x20 cm
 Neutral Mix Soft 8"x8" - 20x20 cm

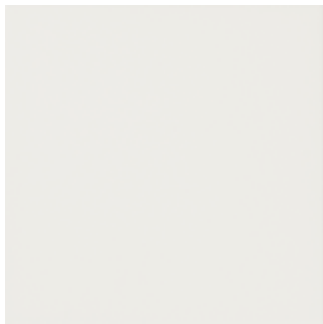


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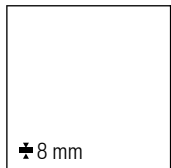
GLAZED PORCELAIN STONEWARE

INTENDED USE: SOFT  

AMBIENT WHITE

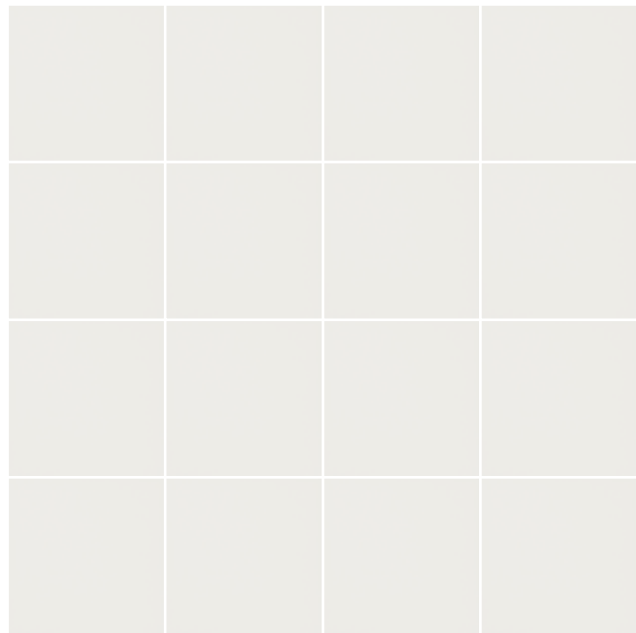


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

FLOOR VIEW



Playlist

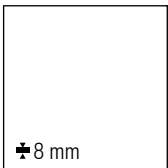
GLAZED PORCELAIN STONEWARE

INTENDED USE: SOFT  

CLASSICAL BEIGE

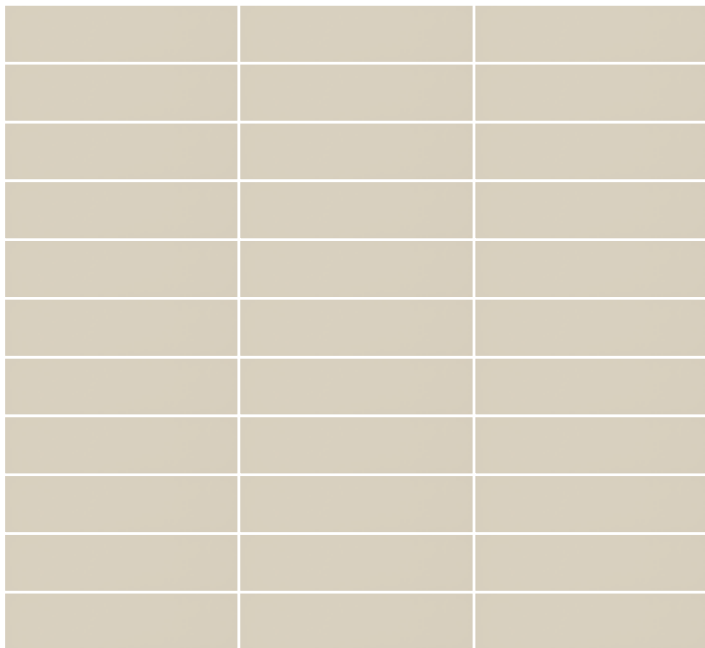


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

FLOOR VIEW



Playlist

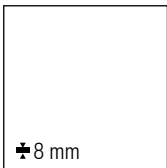
GLAZED PORCELAIN STONEWARE

INTENDED USE: SOFT  

GRUNGE GREIGE

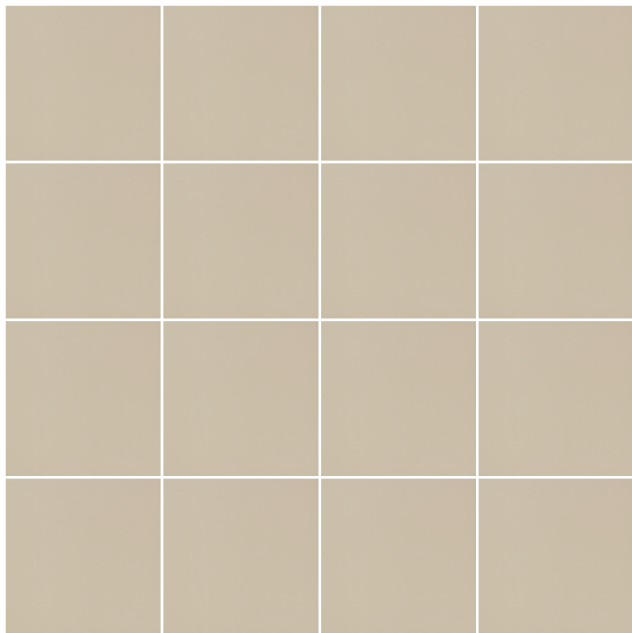


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

FLOOR VIEW



Playlist

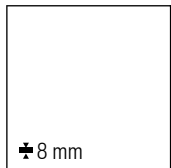
GLAZED PORCELAIN STONWARE

INTENDED USE: SOFT  

LOUNGE LIGHT GREEN

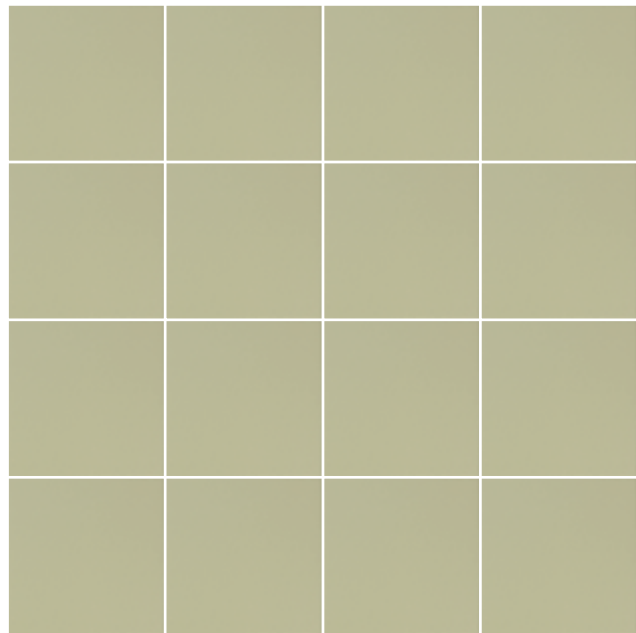


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

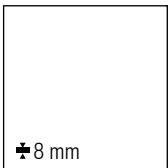
FLOOR VIEW



FOLK GREEN

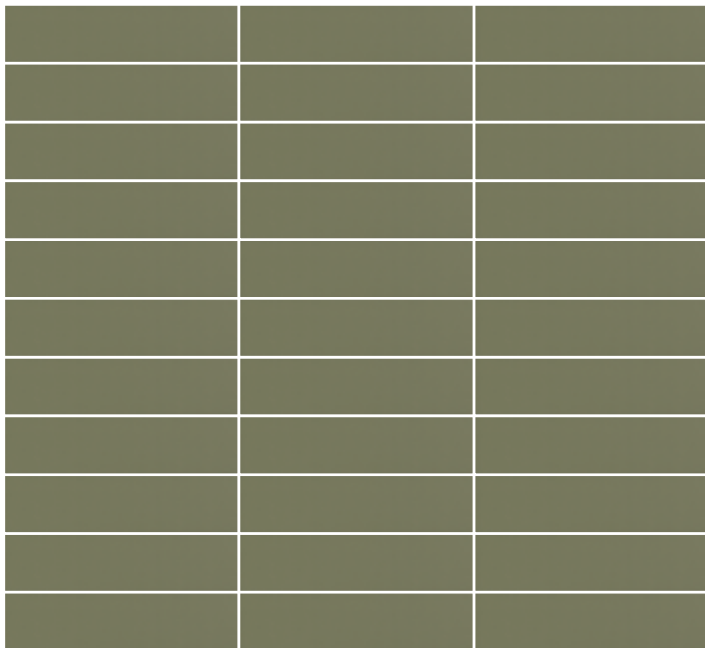


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

FLOOR VIEW



Playlist

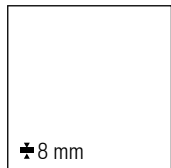
GLAZED PORCELAIN STONWARE

INTENDED USE: SOFT  

ACOUSTIC AMBER

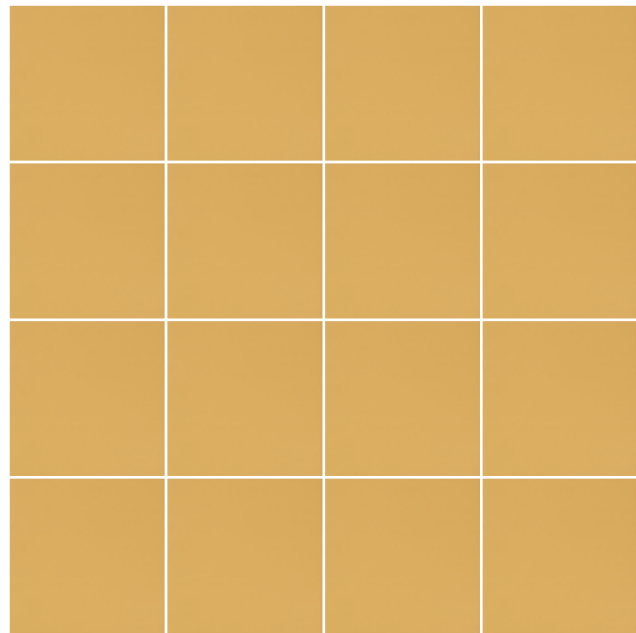


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

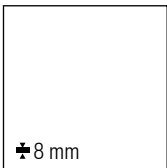
FLOOR VIEW



NEW-AGE TERRACOTTA

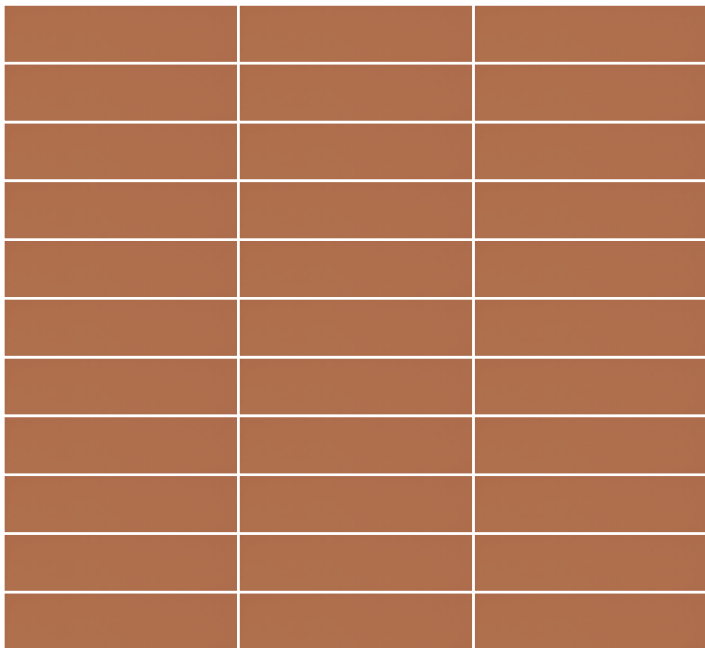


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

FLOOR VIEW



Playlist

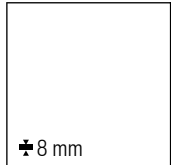
GLAZED PORCELAIN STONEWARE

INTENDED USE: SOFT  

INDIE RUST

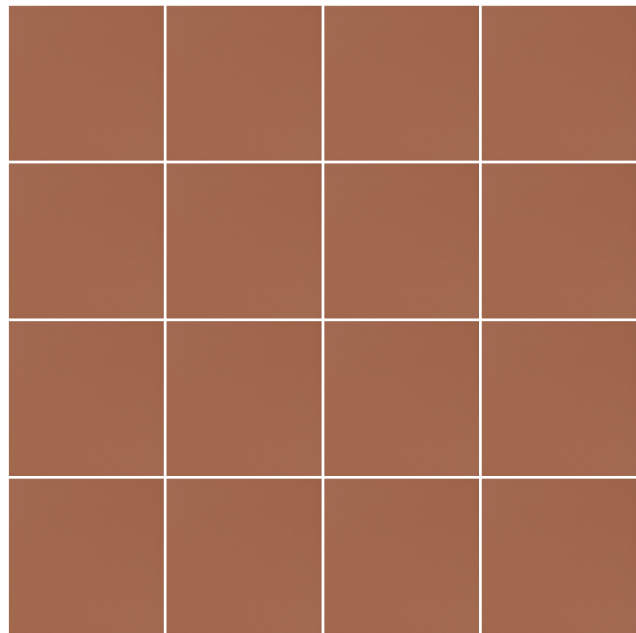


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

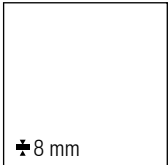
FLOOR VIEW



SKA BLUE

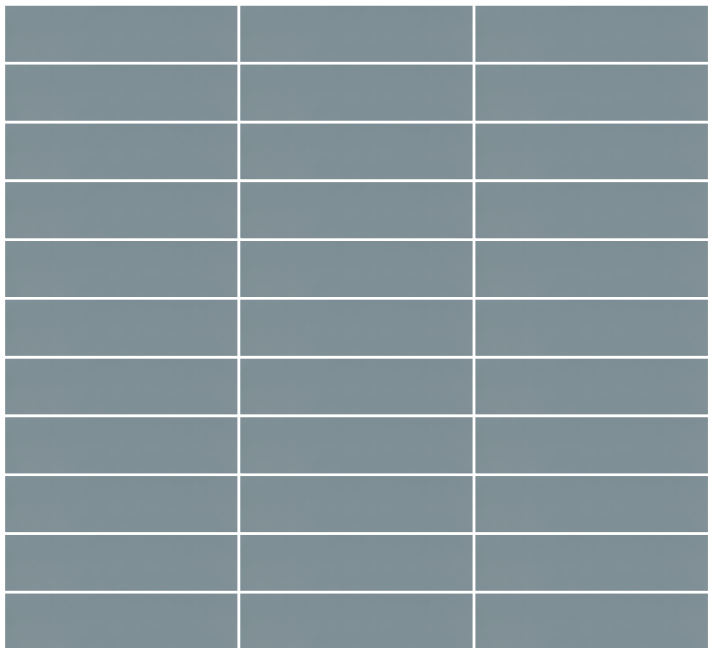


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

FLOOR VIEW



Playlist

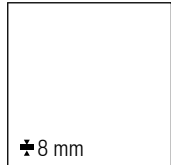
GLAZED PORCELAIN STONEWARE

INTENDED USE: SOFT  

RHYTHM AND BLUES

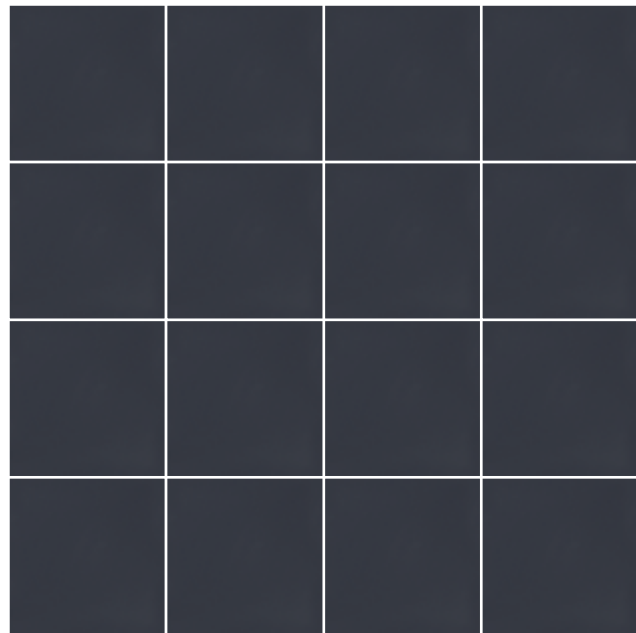


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

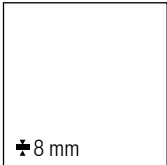
FLOOR VIEW



SYNTH BLACK

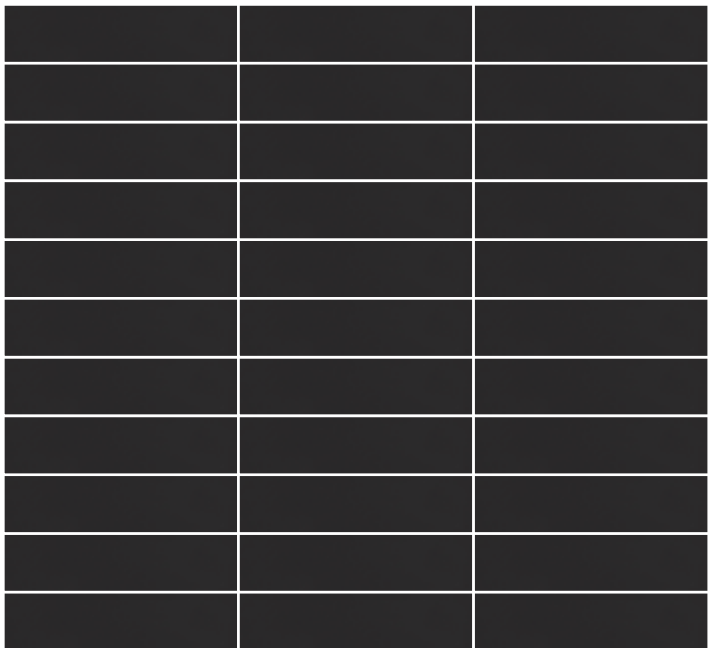


2.75"x11" - 7x28 cm
SOFT



8"x8" - 20x20 cm
SOFT

FLOOR VIEW



Playlist

GLAZED PORCELAIN STONEWARE

INTENDED USE: SOFT  

ACCESSORY



Random assortment of 10 accessories, packaged 16 pieces per carton

COLOR MIX



FLOOR VIEW



Playlist

GLAZED PORCELAIN STONEWARE

INTENDED USE: SOFT  

ACCESSORY



Random assortment of 10 accessories, packaged 16 pieces per carton

NEUTRAL MIX



FLOOR VIEW



Playlist

GLAZED PORCELAIN STONEWARE

TECHNICAL FEATURES

GLAZED PORCELAIN STONEWARE according to ANSI A137.1 (Glazed Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥350 lbf
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 3
 LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4.4 x 10⁻⁶ °F⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
 FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IW+ Interior, Wet Plus - Soft
 SHADE VARIATION	ANSI A137.1	V2	V2 (Slight Variation)
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	NOT RECT (INDOOR)	-	3/16" - 4.7 mm approx.
 THICKNESS	SIZES		
	8"x8" - 20x20 cm	-	8 mm
	2.75"x11" - 7x28 cm	-	8 mm

(*) Excluding hydrofluoric acid and its derivatives.
(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
8"x8" Soft	6.89	16	72	496.08	28.87	2,129
2.75"x11" Soft	5.06	24	120	607.20	18.36	2,253

Playlist

GLAZED PORCELAIN STONEWARE

INTENDED USE

KEY

 **RESIDENTIAL**
Kitchens, bathrooms, living rooms and other residential environments.

 **LIGHT COMMERCIAL**
Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.

 **INTENSIVE COMMERCIAL**
Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

 **OUTDOOR**
Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



Greenguard: This logo indicates that this product has been tested and received GREENGUARD® Gold Certification (formerly known as GREENGUARD® Children & Schools Certification). GREENGUARD® offers strict certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.

For further details and to download the certifications please visit our website: panaria.us

Playlist+

COLOURED-BODY PORCELAIN STONEWARE



Ambient White Soft 12"x24" - 30x60 cm
 Grunge Greige Soft 12"x24" - 30x60 cm
 New-Age Terracotta Soft 12"x24" - 30x60 cm
 Rhythm and Blues Soft 12"x24" - 30x60 cm



Ambient White Soft 12"x24" - 30x60 cm
 Grunge Greige Soft 12"x24" - 30x60 cm
 Folk Green Soft 12"x24" - 30x60 cm
 New-Age Terracotta Soft 12"x24" - 30x60 cm
 Rhythm and Blues Soft 12"x24" - 30x60 cm





Classical Beige Soft 12"x24" - 30x60 cm
Folk Green Soft 12"x24" - 30x60 cm
Playlist Classical Beige Soft 8"x8" - 20x20 cm
Playlist Lounge Light Green Soft 8"x8" - 20x20 cm
Playlist Folk Green Soft 8"x8" - 20x20 cm

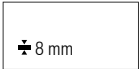


Playlist+

COLOURED-BODY PORCELAIN STONEWARE

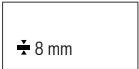
INTENDED USE: SOFT  

AMBIENT WHITE



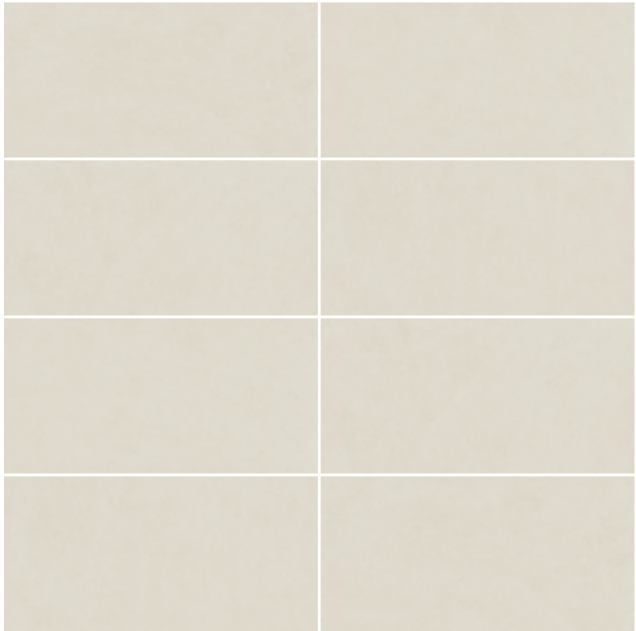
12"x24" - 30x60 cm
SOFT

CLASSICAL BEIGE

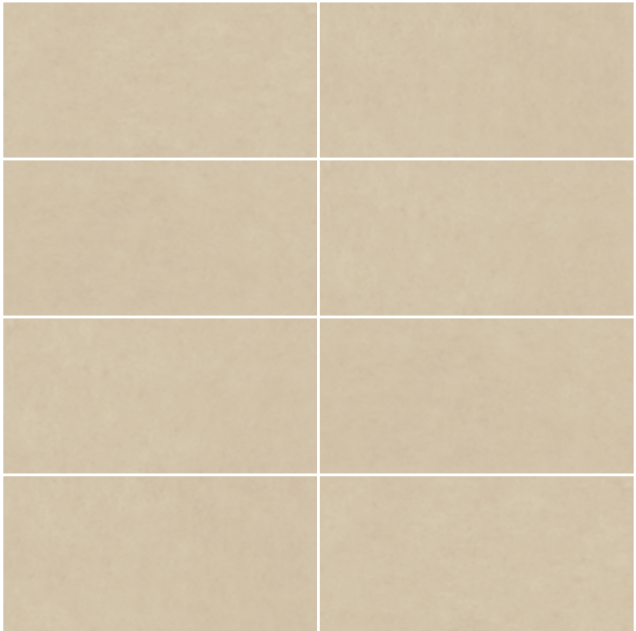


12"x24" - 30x60 cm
SOFT

FLOOR VIEW



FLOOR VIEW

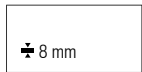


Playlist+

COLOURED-BODY PORCELAIN STONEWARE

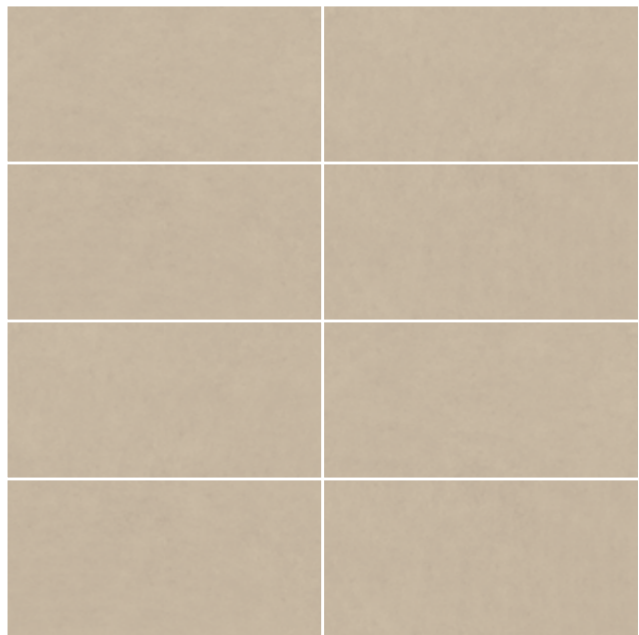
INTENDED USE: SOFT  

GRUNGE GREIGE

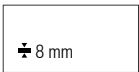
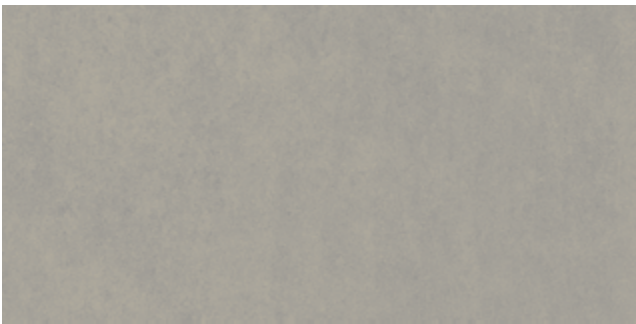


12"x24" - 30x60 cm
SOFT

FLOOR VIEW

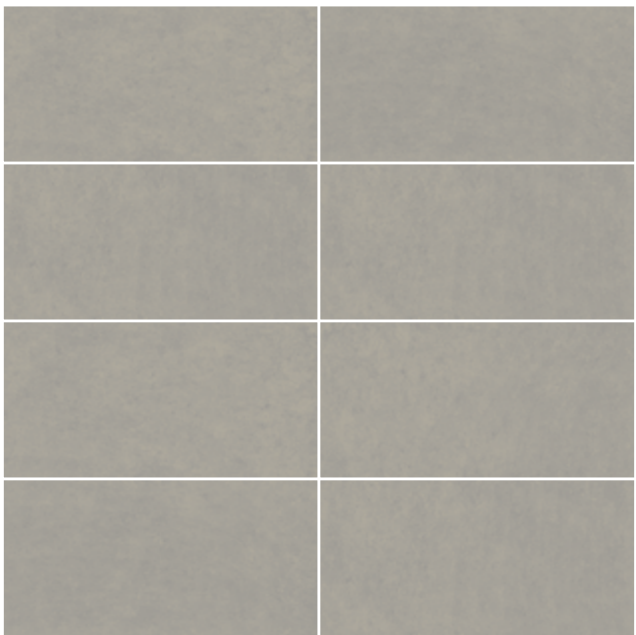


GOTHIC GREY



12"x24" - 30x60 cm
SOFT

FLOOR VIEW

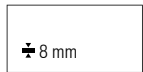
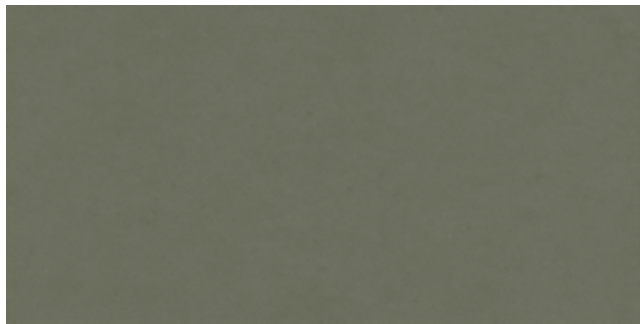


Playlist+

COLOURED-BODY PORCELAIN STONEWARE

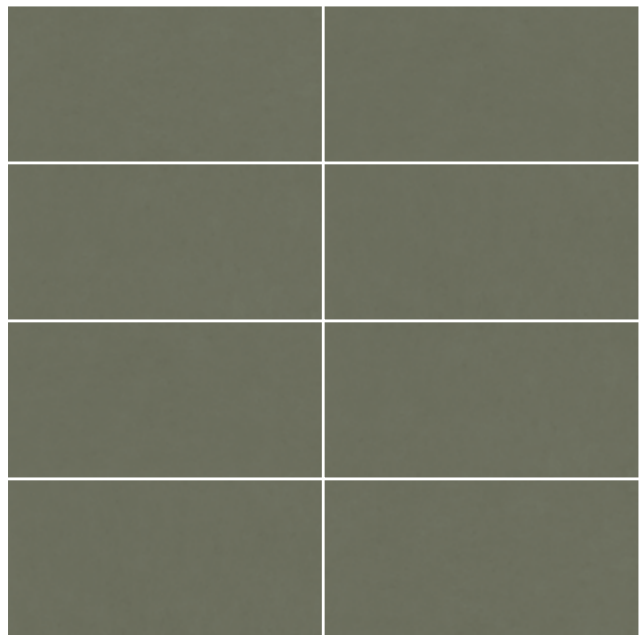
INTENDED USE: SOFT  

FOLK GREEN

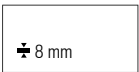
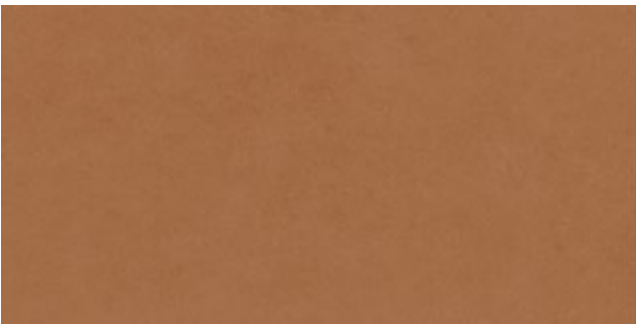


12"x24" - 30x60 cm
SOFT

FLOOR VIEW

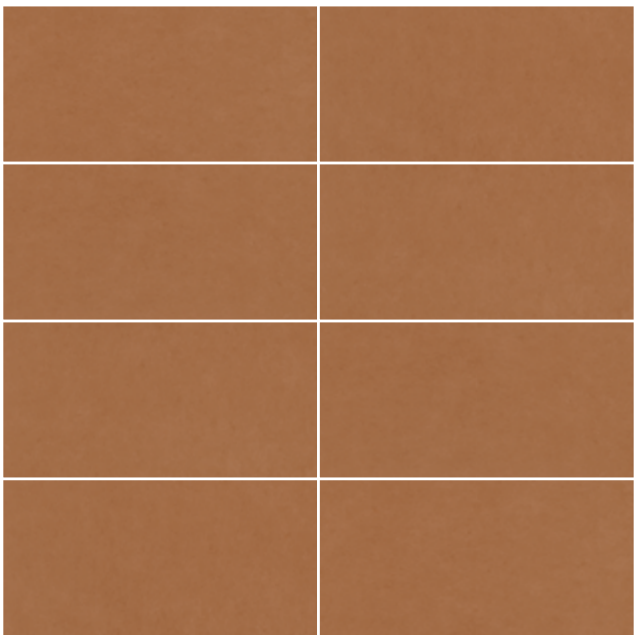


NEW-AGE TERRACOTTA



12"x24" - 30x60 cm
SOFT

FLOOR VIEW



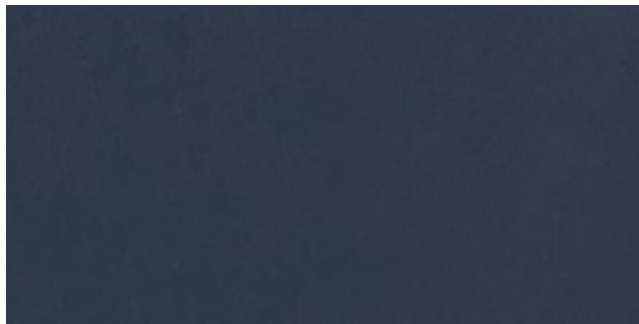
P R () T E C T
ANTIMICROBIAL SURFACE
with MICROBAN®

Playlist+

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT  

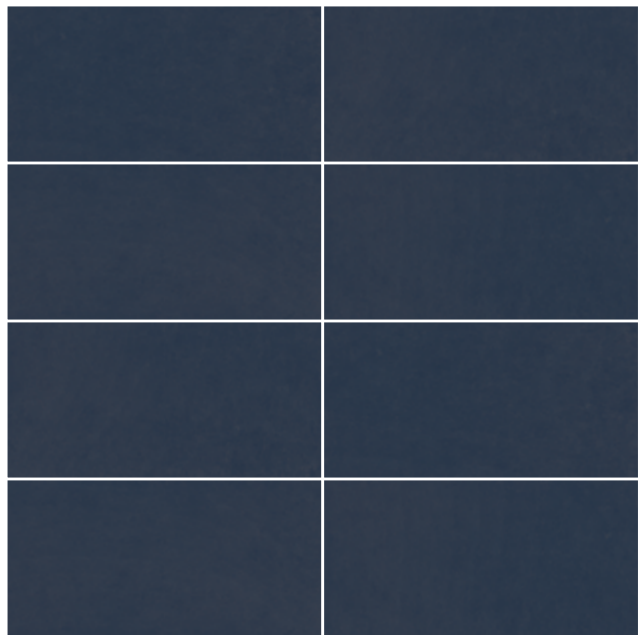
RHYTHM AND BLUES



 8 mm

12"x24" - 30x60 cm
SOFT

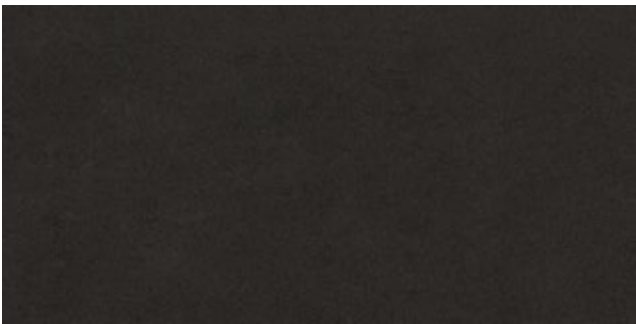
FLOOR VIEW



P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

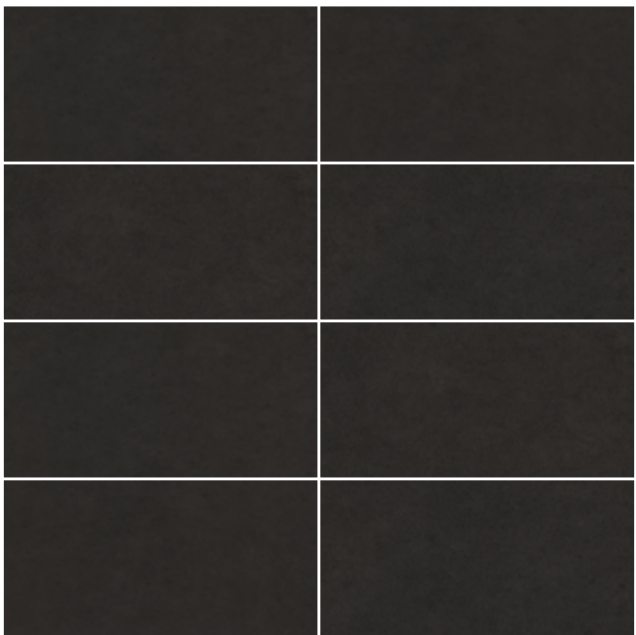
SYNTH BLACK



 8 mm

12"x24" - 30x60 cm
SOFT

FLOOR VIEW

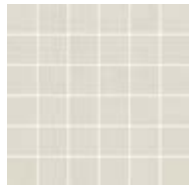


Playlist+

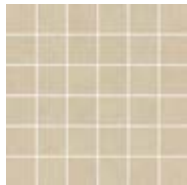
COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT  

DECOS



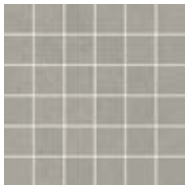
36 PC MOSAIC
AMBIENT WHITE
12"x12" Rect - 30x30 cm
SOFT
 8 mm



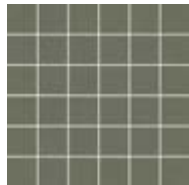
36 PC MOSAIC
CLASSICAL BEIGE
12"x12" Rect - 30x30 cm
SOFT
 8 mm



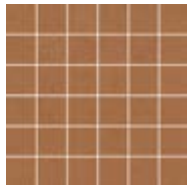
36 PC MOSAIC
GRUNGE GREIGE
12"x12" Rect - 30x30 cm
SOFT
 8 mm



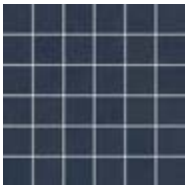
36 PC MOSAIC
GOTHIC GREY
12"x12" Rect - 30x30 cm
SOFT
 8 mm



36 PC MOSAIC
FOLK GREEN
12"x12" Rect - 30x30 cm
SOFT
 8 mm



36 PC MOSAIC
NEW-AGE TERRACOTTA
12"x12" Rect - 30x30 cm
SOFT
 8 mm

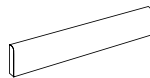


36 PC MOSAIC
RHYTHM AND BLUES
12"x12" Rect - 30x30 cm
SOFT
 8 mm



36 PC MOSAIC
SYNTH BLACK
12"x12" Rect - 30x30 cm
SOFT
 8 mm

TRIM PIECES



BULLNOSE
4"x24" - 10x60 cm
SOFT
 8 mm

All colors available

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

Playlist+

COLOURED-BODY PORCELAIN STONEWARE

TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONEWARE according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥350 lbf
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 3
 LINEAR THERMAL EXPANSION	ASTM C372	Not Required	α ≤ 4.4 x 10⁻⁶ °F⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	AS REPORTED
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	AS REPORTED
 FROST RESISTANCE	ASTM C1026	No sample must show visible signs.	CONFORMS
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	Porcelain A326.3	IW+ Interior, Wet Plus
 SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 (Slight Variation)
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	NOT RECT (INDOOR)	-	3/16" - 4.7 mm approx.
 THICKNESS	SIZES 12"x24" - 30x60 cm	-	8 mm

(*) Excluding hydrofluoric acid and its derivatives.
(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
12"x24" Soft	18.00	9	32	576.00	59.10	1,941
36 PC MOSAIC 12"x12" Rect Soft	4.84	5	90	436.05	15.10	1,409
BULLNOSE 4"x24" Rect Soft	9.82	16	60	589.20	33.80	2,078

The colors of Playlist+ complement select colors of the Playlist collection.

Playlist+

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: SOFT  

INTENDED USE

KEY

 **RESIDENTIAL**
Kitchens, bathrooms, living rooms and other residential environments.

 **LIGHT COMMERCIAL**
Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.

 **INTENSIVE COMMERCIAL**
Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

 **OUTDOOR**
Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS





Declare: A voluntary tool, recognized within the LEED credits, that ensures maximum transparency regarding the chemical composition of Panariagroup products and the total absence of substances considered to be harmful to human health and the environment. Declare is capable of guiding the choices of designers and end consumers towards healthier and more environmentally-friendly products.

Green Squared:The logo for Green Squared® involves one industry, one standard, and one mark and covers the gamut of products used in a tile installation. It was the first multi-attribute sustainability standard developed for tiles and tile installation materials. Green Squared® uses the transparency and consensus of the ANSI® process combined with third party certification to evaluate, validate, and communicate products which have a positive impact on the environment and society. Green Squared® covers product characteristics, manufacturing, end of product life management, progressive corporate governance, and innovation in an effort to establish sustainability criteria for products throughout their full life cycle.

EPD: This Environmental Product Declaration is provided by Tile Council of North America (TCNA).

USGBC - LEED: Panaria Ceramica is a member of the U.S. Green Building Council: this is an organisation that promotes buildings that are environmentally responsible, profitable and healthy places to live and work. LEED card is available on request.

Greenguard: This logo indicates that this product has been tested and received GREENGUARD® Gold Certification (formerly known as GREENGUARD® Children & Schools Certification). GREENGUARD® offers strict certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.

HPD: A summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the Green Screen for Safer Chemicals®.

For further details and to download the certifications please visit our website: panaria.us





Fabric Look

Included Collections

Craft

Craft

COLOURED-BODY PORCELAIN STONEWARE





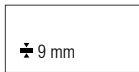


Craft

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL  

COTTON



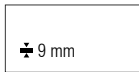
12"x24" Rect - 30x60 cm
NATURAL

ROPE



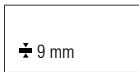
12"x24" Rect - 30x60 cm
NATURAL

QUILT



12"x24" Rect - 30x60 cm
NATURAL

YARN



12"x24" Rect - 30x60 cm
NATURAL

WOOL



12"x24" Rect - 30x60 cm
NATURAL

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

Craft

COLOURED-BODY PORCELAIN STONEWARE

INTENDED USE: NATURAL  

DECOS



BASKETWEAVE
COTTON
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm



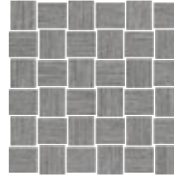
BASKETWEAVE
YARN
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm



BASKETWEAVE
ROPE
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm



BASKETWEAVE
WOOL
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm



BASKETWEAVE
QUILT
12"x12" Rect - 30x30 cm
NATURAL
± 9 mm



HERRINGBONE MOD A-B
COTTON
10"x24" Rect - 25x60 cm
NATURAL
± 9 mm



HERRINGBONE MOD A-B
YARN
10"x24" Rect - 25x60 cm
NATURAL
± 9 mm



HERRINGBONE MOD A-B
ROPE
10"x24" Rect - 25x60 cm
NATURAL
± 9 mm

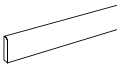


HERRINGBONE MOD A-B
WOOL
10"x24" Rect - 25x60 cm
NATURAL
± 9 mm

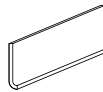


HERRINGBONE MOD A-B
QUILT
10"x24" Rect - 25x60 cm
NATURAL
± 9 mm

TRIM PIECES



BULLNOSE
3"x12" - 8x30 cm
NATURAL
± 9 mm



COVE BASE
6"x12" - 15x30 cm
NATURAL
± 9 mm

Craft

COLOURED-BODY PORCELAIN STONEWARE

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

TECHNICAL FEATURES

COLOURED-BODY PORCELAIN STONEWARE according to ANSI A137.1 (Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	CRAFT AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0,5%	CONFORMS
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	≥ 450 lbf 9 mm
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 5: COTTON, YARN, ROPE, WOOL PEI 4: QUILT
 LINEAR THERMAL EXPANSION	ASTM C372	No provision	α ≤ 4,4 x 10⁻⁶ °F⁻¹ α ≤ 8 x 10⁻⁶ °C⁻¹
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	A RESISTANT
 CHEMICAL RESISTANCE^(*)	ASTM C650	As indicated by manufacturer	A RESISTANT
 FROST RESISTANCE	ASTM C1026	As indicated by manufacturer	RESISTANT
 BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
 SLIP RESISTANCE	ANSI A326.3	-	IW+ Interior, Wet Plus - Natural
 SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 Slight variation
 FLAME SPREAD	ASTM E84	-	Class A
 THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
 RECOMMENDED MINIMUM JOINT^(**)	RECT (INDOOR)	-	1/8" - 3.2 mm approx.
 THICKNESS	SIZES		
	12"x24" Rect - 30x60 cm	-	9 mm

(*) Excluding hydrofluoric acid and its derivatives.
(**) Grout Joint Recommendations. Per TCNA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of a least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation in fabrication or manufacturing.
(***) With the exception of areas characterized by a higher risk of slipping (such as public showers, indoor swimming pools, locker rooms and steam rooms) for which an Anti-Slip surface is recommended.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
12"x24" Rect Natural	15.61	8	32	499.45	64.48	2,063
COVE BASE 6"x12" Natural	3.87	8	108	417.96	16.53	1,785
BULLNOSE 3"x12" Rect Natural	5.17	20	112	579.04	19.84	2,222

Craft

COLOURED-BODY PORCELAIN STONEWARE

P R () T E C T ®

ANTIMICROBIAL SURFACE
with MICROBAN®

INTENDED USE

KEY

 **RESIDENTIAL**
Kitchens, bathrooms, living rooms and other residential environments.

 **LIGHT COMMERCIAL**
Offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms.

 **INTENSIVE COMMERCIAL**
Common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

 **OUTDOOR**
Mainly for external areas that require flooring with anti-slip characteristics.

PRODUCT CERTIFICATIONS AND DECLARATIONS FOR BUILDINGS



0,5% or less water absorption





ANTIMICROBIAL SURFACE
with MICROBAN®



recycled materials
PANARIAgroup



Certified by **BUREAU VERITAS**



Certified by UL Environment



CERTIFIED
ENVIRONMENTAL
PRODUCT DECLARATION
BLOWNUP



USGBC
MEMBER



GREENGUARD
ENVIRONMENTAL
PRODUCT DECLARATION
GOLD



Declare: A voluntary tool, recognized within the LEED credits, that ensures maximum transparency regarding the chemical composition of Panariagroup products and the total absence of substances considered to be harmful to human health and the environment. Declare is capable of guiding the choices of designers and end consumers towards healthier and more environmentally-friendly products.

Green Squared:The logo for Green Squared® involves one industry, one standard, and one mark and covers the gamut of products used in a tile installation. It was the first multi-attribute sustainability standard developed for tiles and tile installation materials. Green Squared® uses the transparency and consensus of the ANSI® process combined with third party certification to evaluate, validate, and communicate products which have a positive impact on the environment and society. Green Squared® covers product characteristics, manufacturing, end of product life management, progressive corporate governance, and innovation in an effort to establish sustainability criteria for products throughout their full life cycle.

EPD: This Environmental Product Declaration is provided by Tile Council of North America (TCNA).

USGBC - LEED: Panaria Ceramica is a member of the U.S. Green Building Council: this is an organisation that promotes buildings that are environmentally responsible, profitable and healthy places to live and work. LEED card is available on request.

Greenguard: This logo indicates that this product has been tested and received GREENGUARD® Gold Certification (formerly known as GREENGUARD® Children & Schools Certification). GREENGUARD® offers strict certification criteria, considers safety factors to account for sensitive individuals (such as children and the elderly), and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) Building Rating System.

HPD: A summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the Green Screen for Safer Chemicals®.

For further details and to download the certifications please visit our website: panaria.us



Care & Maintenance

ROUTINE CARE FOR YOUR TILE

Ceramic tile is one of the most durable and maintenance friendly surfaces you can choose for your walls, floors, countertops, etc. With proper care and minimum maintenance, tile will retain its original beauty and luster for many years. Generally, all that is necessary to keep your tile looking as good as new is a quick wipe with a clean damp cloth or mop. Prompt cleanup of spills and regular cleaning will keep your ceramic tile surfaces looking their best.

If a cleaner is necessary, Panaria Ceramica USA recommends the use of low VOC (volatile organic compound), neutral pH, non-hazardous, and non-polluting products.

Glazed tile walls in your home will easily keep their lovely look with simple routine care-just wipe regularly with a clean damp cloth or sponge. A non-abrasive, neutral cleaner can be used (abrasive cleansers will cause scratching to shiny tile and polished marble surfaces). Highly polished tile and stone surfaces should be polished dry with a soft absorbent cloth after cleaning to eliminate the buildup of hard water residue and to maintain the high-polished finish.

For glazed tile floors, sweep or vacuum regularly to remove dirt and gritty particles. Follow with a mop or sponge dampened with a neutral pH cleaner. If a cleaner is used, be sure the surface is rinsed thoroughly with clean water and dried. For textured or uneven tile or stone surfaces, substituting a soft scrub brush or white nylon scrub pad for the mop or sponge will quicken the cleaning process. Unglazed tile floors and porcelain tile floors can also be maintained in this same manner.

Tiled surfaces in your bathroom may require a more thorough routine cleaning because of a buildup of soap scum, body oils, or hard-water stains. Use a clean, damp cloth, or sponge with a neutral pH cleaner, allowing it to stand about five minutes before rinsing and drying. Specialty bathroom cleaners may also be used (always test first). Clean shower regularly with the appropriate tile and stone cleaner. Dry with a towel after each use and leave curtain or door open between showers to allow for maximum ventilation and moisture escape.

LIST OF NEUTRAL CLEANERS	
MANUFACTURER	PRODUCT
OMNI®	Concentrated Cleaner, Deep Cleaner
STONETECH®	Stone & Tile Cleaner Revitalizer

HEAVY DUTY CLEANING

For high-traffic areas or when tile has been neglected for a long time, heavy-duty cleaning may be required.

Glazed walls and countertops should be cleaned with an alkaline-based cleaner (high pH, non-acidic). Use a white nylon scrub pad, followed by a clean water rinse. Poultice may be used in combination with any appropriate cleaner, if needed, to restore seriously soiled areas. Poultice is a very fine powder that serves as a mild abrasive, yet cannot cause scratching to even the most delicate glazed tile and polished marble surfaces. Unglazed tile and natural stone can be treated in the same manner as glazed when heavy-duty cleaning is required. Once the tile or stone has been effectively restored and is dry, it is recommended that the appropriate sealer be applied to protect from staining and ease ongoing maintenance.

To clean badly soiled countertops, an appropriate alkaline cleaner is recommended. Poultice can be lightly sprinkled onto the wet cleaner solution and scrubbed with a white nylon scrub pad or medium nylon scrub brush to facilitate cleaning. Rinse thoroughly. For glazed tile floors, the same products and procedures are recommended.

For showers, tub surrounds, or other wet areas, light acidic cleaners are recommended to remove hard water mineral deposits. These acidic cleaners are not recommended on acid-sensitive surfaces such as metallic glazes or marble. For acid-sensitive surfaces, a neutral or alkaline cleaner, used in combination with Poultice is recommended. Never use harsh acids such as hydrochloric (muriatic) or hydrofluoric, as these acids, and even the acid fumes, can cause damage to tile, stone, grout, humans and pets! The accepted acids (use sparingly) for homeowners use are mild citric, sulfamic, and phosphoric. Always test first for desired results.

DO'S & DON'TS

- Do regularly apply a water based penetrating sealer on all natural stone products.
- Always do a small test with sealers & cleaners to ensure desired results.
- Do use a sealer on grout joints; except for 100% solid epoxy grout.
- Do use only non-abrasive cleaning compound or formula that is recommended for both glass and tile when cleaning glass tile.
- Do see your nearest Distributor for advice on special cleaning problems or if you have any questions.
- Do read and follow label directions for all cleaners and sealers.
- Don't combine ammonia and household bleaches.
- Don't use harsh cleaning agents such as steel wool pads or strong acids, which can scratch or damage the surface of your tile.
- Don't use a cleaning agent that contains color on unglazed tile, natural stone, or white grout, as these porous surfaces may absorb the color.

MURALS, RESINS, GLASS, CAST STONE FIXTURES & METALS

Wipe clean with a damp cloth or sponge using a neutral, non-abrasive cleanser. Be sure any cleaner residue is removed with a clean water rinse. Clean with alkaline tile

cleaner or all-purpose cleaner using a soft cloth. Rinse with clean water and dry with a soft towel. Cast Stone Fixtures and Cast Decors are pre-sealed in manufacturing with water based, liquid silicone rubber dispersed sealer. For re-sealing, the sealing product should also be the same

type as the previous sealer for best penetration. For more detailed information on glass tile installation and maintenance, review the TCNA (Tile Council of North America) Handbook Guidelines.

TYPE OF CONTAMINATE	TYPE OF CLEANER	NAME OF CLEANER	MANUFACTURER
Coffee, soft drinks, fruit juice	Alkaline-based cleaner	Deep Cleaner, Heavy Duty Cleaner, Elite Cleaner	OMNI®
		KlenzAll™	STONETECH®
Grease, dirt from traffic, deep-cleaning	Alkaline-based cleaner	Deep Cleaner, Heavy Duty Cleaner, Elite Cleaner	OMNI®
		KlenzAll™	STONETECH®
Wine	Oxidizing cleaner	Poultice Stain Remover	OMNI®
Hard water spots	Acid-based cleaner	Restore™	STONETECH®
		Buffered Acid Cleaner, Sulfamic Acid Cleaner	OMNI®
Rust	Acid-based cleaner	Buffered Acid Cleaner, Sulfamic Acid Cleaner	OMNI®
		Poultice Stain Remover (non-acid)	OMNI®
		Restore™	STONETECH®
Tire, pencil, metal marks	Abrasive paste	Elite Cleaner, Poultice Stain Remover (non-acid)	OMNI®
Ink, marker	Solvent-based cleaner	Epoxy Grout Haze Remover & Coating Stripper	STONETECH®
		Sealer Remover, Poultice Stain Remover (non-solvent)	OMNI®
Dirty grout	Grout cleaner	DeepKlenz™	STONETECH®
		Back-To-New Grout Cleaner, Deep Cleaner	OMNI®
		Concentrated Cleaner, Heavy Duty Cleaner	OMNI®
Any	Neutral wax-free cleaner	Stone & Tile Cleaner	STONETECH®
		Concentrate Cleaner, Deep Cleaner	OMNI®

Technical Data

ACID RESISTANCE

ASTM® C-650 is the standard test method for determining resistance of ceramic tile to chemical substances. The glazed surface of Panaria Ceramica USA products is resistant to virtually all caustic and corrosive liquids. Typical exceptions are fluorides and concentrated hydrochloric acid.

BREAK STRENGTH

ASTM® C-648 describes the standard test method for determining structural strength of ceramic tile. This test provides a means for establishing whether or not ceramic tile meets the strength requirements which may be required for a specific installation procedure, and its ability to withstand load and impact. The ANSI® standard requires an average breaking strength of 125 lbf. for wall tiles and 250 lbf. for floor tiles. Tiles installed on floors with adhesives may require higher breaking strengths.

CALIBERS

Tiles shrink during firing. To accommodate this shrinkage, we measure each tile as it comes down the line and assign it a caliber based on ANSI® requirements for size variation. Tiles with different calibers should be compared prior to installation to make sure they will work well together. A wider grout joint will help accommodate the size difference within and between calibers.

DYNAMIC COEFFICIENT OF FRICTION

Sometimes called kinetic coefficient of friction. This is the ratio of the force necessary to keep a surface already in motion sliding over another surface divided by the weight (or normal force) of the sliding object. *Different contaminants such as dirt, water, soap, oil, or grease can change this value.

FROST RESISTANCE

ASTM® C-1026 describes the standard test method for determining ceramic tile’s ability to withstand repeated cycles of freezing and thawing. It determines the ability of tile to resist damage or deterioration when tested in freezing and thawing situations such as those found in central and northern sections of the United States.

INSTALLATION

Panaria Ceramica USA recommends that all installations of its product comply with applicable parts of ANSI® A-108 series for ceramic tile installation. For any information, including technical questions related to the underlayment, use of setting materials, or other installation related questions, contact the Tile Council of North America. You can reach them at techinfo@tile-usa.com or you can view the TCNA Installation Handbook at <https://www.tcnatile.com/products-and-services/publications.html>

- Use a grout joint that is at minimum 3 times the variation of the tile as per ANSI® A108.02 Section 4.3.8 Grout Joint Size: In the case of Panaria Ceramica USA, all rectified product shall have, on average, no less than a 1/8 in. grout joint.
- Minimize the variation in the substrate in order to accommodate the above minimal grout joint as per ANSI® A108/A118/ A136.1 - American National Specifications for the Installation of Ceramic Tile, specifically A108.01 Section 2.6.2.2 and similarly in A108.02 Section 4.1.4.3.1.

GAUGED PORCELAIN TILE PANELS (GPTP)

Also known as large panel porcelain slabs, thin porcelain tile, or large format porcelain slabs, gauged porcelain is known for its beauty, durability, ease of maintenance, and its lack of grout joints. GPT has been defined as tiles that measure 1 x 1 meter (~36 x 36 inches) or smaller, while GPTP are equal to or larger than 1 x 1 meter. Tile Council North America (TCNA) recognizes two classes of gauged tile products are defined — those for wall applications, from 3.5 to 4.9 mm in thickness, and those for floor applications, from 5 to 6.5 mm in thickness.

MOH’S HARDNESS

Scratch resistance of glazes is measured by scratching the glaze with a mineral of known hardness. Hardness of minerals is classified by Moh’s Scale, which lists 10 minerals according to their hardness. Each mineral in this scale will scratch those with lower numbers in the scale, but will not scratch minerals with higher numbers. Talc is classified as number one on the Moh’s Scales and diamond ten. Resilient flooring materials, such as vinyl and asphalt tile, are relatively soft and can be scratched by talc, number one on the scale. White polished marble can be scratched by calcite, which is number three. Black marble rates a four and can be scratched by fluorite. Most glazes used on ceramic tile fall in the five to six range, which is also slightly harder than most steels. Case-hardened steel, such as what is used in drill bits used for drilling holes in steel, is approximately six and will scratch most glazes. Some glazes used on ceramic tiles designed for floor use cannot be scratched by a case-hardened drill bit. Quartz, number 7 on Moh’s Scale, will scratch most glazes and all but the hardest unglazed ceramic tiles. Sand is a common example of natural quartz.

OUTDOOR INSTALLATIONS

Porcelain tile is appropriate for exterior wall (vertical) installations. Horizontal applications require additional considerations such as if the area will be covered or exposed to the elements. Only tile with a Product Use Classification of “Exterior, Wet” should be used in outdoor installations. Any hard surface flooring will be slippery when covered in standing water, ice, grease, or leaves. Regular cleaning, maintenance, and inspection of the surface is critical to a successful outdoor tile installation.

RECTIFIED TILE

Rectification is a process of ceramic tile manufacturing in which all sides of a tile are cut with specialized machines. This creates a ceramic tile with perfectly square edges and reduces size variation between tiles, essentially creating a mono-caliber product. This has a practical application in uniformity and ease of installation, but it also has an aesthetic benefit. By allowing a reduced grout joint (within ANSI® requirements) the installation is better suited to more contemporary tastes, and stays cleaner with less grout.

RUNNING BOND/BRICK JOINT PATTERNS

Grout Joints- For running bond/brick joint patterns utilizing tiles (square or rectangle) with any size greater than 15 in. the grout shall be, on average, a minimum of 1/8 in. wide for rectified tile and, on average, a minimum of 3/16 in. wide for calibrated (non-rectified) tiles.

Offset- For running bond/brick joint patterns utilizing tiles (square or rectangular) where the side being offset is greater than 15 in. (nominal dimension), the running bond offset will be a maximum of 33% unless otherwise specified by the tile manufacturer. If an offset greater than 33% is specified, specifier and owner must approve mock-up and lippage.

SHADES

Panaria Ceramica USA assigns all of our tiles a shade based on comparison to a target piece. We also add a ‘lot letter’ (commonly referred to as the ‘dye lot’) that differentiates tiles from different runs. Tiles with different shades should be compared prior to installation to make sure they are a good match and should be well mixed during installation.

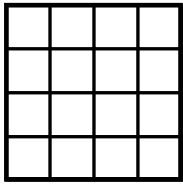
SHADE BLENDING

Designed to simulate a natural surface by using a combination of ceramic/porcelain processes, shade and texture variations are inherent in these nature-inspired products. These types of tiles are packed by shade blends and not specific shades. Products of a common shade blend type may be used together. Specific product lots are identified by the last letter of the shade code.

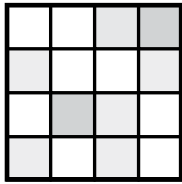
TECHNICAL SPECIFICATION

Tiles manufactured by Panaria Ceramica USA and marked standard grade meet or exceed the recommended standard specification for ceramic tile, ANSI® A137.1. All products are formulated using high-quality clays specifically designed for density and strength, then pressed, glazed and fired. Note that the data represented in this literature represents typical test results of randomly selected “standard” products.

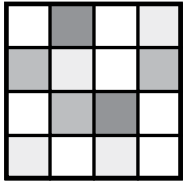
SHADE VARIATION



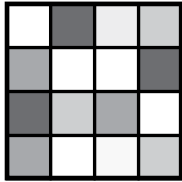
V1 Uniform Appearance
Differences among pieces from the same production run are minimal.



V2 Slight Variation
Clearly distinguishable differences in texture and/or pattern with similar colors.



V3 Moderate Variation
While the colors present on a single piece of tile will be indicative of the colors to be expected on the other tiles, the amount of colors on each piece may vary significantly. For example “that little bit of color” on one piece of tile may be the primary color on the next piece.



V4 Random Variation
Random color differences from tile to tile, so that one tile may have totally different colors from that on other tiles. Thus, the final installation will be unique.

PLEASE NOTE:

- Not all flooring products are suitable for wet areas, specialized applications or commercial use. Please refer to the American National Standard Specifications for Ceramic Tile (ANSI® A137.1) for ceramic, stone, and glass installation for specific usage and installation information.
- In order to provide as many size formats as possible, some sizes may be originally pressed as larger formats and then professionally cut to size.
- Country of origin and other product features and characteristics are subject to change due to manufacturing efficiencies and other factors. See retailer or product packaging to verify country of origin and other product characteristics.

Intended Uses

LEGEND	 RESIDENTIAL	 LIGHT COMMERCIAL	 INTENSIVE COMMERCIAL	 OUTDOOR
STONE LOOK				
CONTEMPORARY	SOFT - LEATHER	SOFT - LEATHER	-	ANTI-SLIP
FLOW	NATURAL	NATURAL	-	-
MOONDANCE	NATURAL	NATURAL	-	ANTI-SLIP
TERRAZZO	NATURAL	NATURAL	-	-
CONCRETE LOOK				
HOME	NATURAL	NATURAL	-	ANTI-SLIP
METROPOLITAN	NATURAL	NATURAL	-	-
MARBLE LOOK				
LUXE ENSEMBLE	SOFT - LUX	SOFT - LUX	-	-
PRESTIGE	SOFT - LUX	SOFT - LUX	-	-
SUITE	NATURAL	NATURAL	-	ANTI-SLIP

LEGEND	 RESIDENTIAL	 LIGHT COMMERCIAL	 INTENSIVE COMMERCIAL	 OUTDOOR
WOOD LOOK				
LIFE	NATURAL	NATURAL	-	-
WOOD TREND	NATURAL	NATURAL	-	-
CHROMATIC				
PLAYLIST	SOFT	SOFT	-	-
PLAYLIST+	SOFT	SOFT	-	-
FABRIC LOOK				
CRAFT	NATURAL	NATURAL	-	-

Residential: kitchens, bathrooms, living rooms and other residential environments.

Light commercial: offices, offices open to the general public, waiting rooms, shops, public bathrooms, common apartment block areas, restaurant dining rooms, car showrooms, bars, cinemas, surgeries/clinics, hotel rooms and bathrooms. In areas subjected to forced traffic, or areas where chairs with hard plastic wheels are used, it is not advisable to use products with the LUX finishes.

Intensive commercial: common areas of shopping centres, hotel foyers, canteens, fast food restaurants, dance clubs, hospitals, schools, museums, places of worship, airports, stations.

Outdoor: mainly for external areas that require flooring with anti-slip characteristics.

NOTE

The LUX finishes are recommended for wall cladding as well as flooring in residential or light commercial areas that are not subjected to heavy traffic, where anti-slip characteristics are not required. The occasional presence of small inconsistencies or little spots on the surface is to be considered a characteristic of the material and of its unique production process. If the product is laid in direct contact with external environments, it is recommended to use protective solutions to reduce scratches. It is the installer’s responsibility to protect the finished and clean tiling before the delivery to the client, by using appropriate protective materials (e.g. chipboard, cardboard sheets, etc.). In areas that are subjected to heavy concentrated loads it is not recommended to use low thickness products.

Product Use Classifications

ANSI A326.3

ANSI A326.3 (American National Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials) features a five-category product use classification system that allows manufacturers to communicate areas for possible use based on the slip resistance characteristics of their products.

The five product use categories are as follows:

CLASSIFICATION	REFERENCE CATEGORY	CRITERIA
Interior, Dry	ID	≥ 0.42 dry DCOF (Per Section 10.1)
Interior, Wet	IW	≥ 0.42 wet DCOF (Per Section 9.1) or Manufacturer-Declared
Interior, Wet Plus	IW+	Manufacturer-Declared Standards > ANSI A326.3 generally accepted minimum conditions
Exterior, Wet	EW	Manufacturer-Declared Standards > ANSI A326.3 generally accepted minimum conditions
Oils/Greases	O/G	Manufacturer-Declared Standards > ANSI A326.3 generally accepted minimum conditions

According to the standard, hard surface flooring products shall be classified into one or more of the categories. Additionally, the standard provides informative notes for each category that state generally accepted minimum conditions.

Warranty

PANARIA CERAMICA USA'S LIMITED WARRANTY

Panaria Ceramica USA warrants Panaria Ceramica USA branded tile products and all other products manufactured by Panaria Ceramica USA (“Panaria Ceramica USA Products”) to meet or exceed the applicable requirements of American National Specifications Institute, Specification ANSI A137.1-2012. Panaria Ceramica USA further warrants Panaria Ceramica USA Products to conform to any specific physical properties stated in Panaria Ceramica USA's then-current product literature, and to be reasonably free from manufacturing defects.

RESIDENTIAL LIMITED LIFETIME WARRANTY

The warranty set forth above for Panaria Ceramica USA Products installed in a residence will remain in effect for as long as the original purchaser owns his or her home and is non-transferable.

COMMERCIAL LIMITED WARRANTY

Panaria Ceramica USA defines a commercial installation as any structure other than a dwelling occupied by the owner of the tile. The warranty set forth above for Panaria Ceramica USA Products installed in a commercial installation will extend for a period of 18 months from the date of shipment of the product.

THIRD PARTY PRODUCTS

All products sold by Panaria Ceramica USA other than Panaria Ceramica USA Products (“Third Party Products”) shall be sold subject to the manufacturer’s express warranties. Panaria Ceramica USA makes no other warranty with respect to Third Party Products.

WARRANTY LIMITATIONS

THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS RESIDENTIAL LIMITED LIFETIME WARRANTY AND COMMERCIAL LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT, ARISING OUT OF, OR AS A RESULT OF, THE SALE, DELIVERY, NON-DELIVERY, USE, LOSS OF USE OR FOR ANY CHARGES OR EXPENSES OF ANY NATURE, INCURRED WITHOUT PANARIA CERAMICA USA'S PRIOR WRITTEN CONSENT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

IMPLIED WARRANTY

WE LIMIT THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO THE DURATION OF THIS RESIDENTIAL LIMITED LIFETIME WARRANTY AND COMMERCIAL LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

WHAT IS NOT COVERED

Panaria Ceramica USA's warranty is limited to providing replacement tile or refunding the purchase price, at Panaria Ceramica USA's sole discretion, which shall be Purchaser's exclusive remedy. This warranty does not cover damage due to: improper fabrication, installation or maintenance; modifications to Products; structural movement or external causes such as accidents, abuse (physical or chemical) or other actions or events beyond Panaria Ceramica USA’s reasonable control. Purchaser shall be solely responsible for ensuring compatibility of any and all products or materials utilized in connection with the installation of Panaria Ceramica USA Products. Shade match of the replacement product to that being replaced cannot be guaranteed. No installer, dealer, agent, or employee of Panaria Ceramica USA has the authority to modify the obligations or limitations of this warranty.

CLAIMS

To make a claim under this Limited Lifetime Warranty, you must notify Panaria Ceramica USA within 30 days after you discover a problem. To evaluate your claim, we may ask you to provide us with pictures, samples, or other evidence of defects. Your claim will be denied if you fail to notify us within the 30-day period, fail to provide us with requested sufficient evidence of defect, or you repair or replace Products before we have made a determination of your claim.

The terms of this Lifetime Limited Warranty may not be waived or modified (whether by a statement, omission, course of dealing or any act) except by a writing signed by an officer of Panaria Ceramica USA. This warranty and all disputes are governed by the laws of the State of Kentucky.

