



Connect

Tactile interactions of life and space

Panaria
ceramica

P R () T E C T[®]

ANTIMICROBIAL SURFACE

This collection is made with
the exclusive antimicrobial Protect technology



with MICROBAN[®]

P R () T E C T ®

To live **healthily, safe and secure**

Antimicrobial floor and wall coverings with the highest performance



POWERFUL ACTION
eliminates microbes and prevents their reproduction



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®**

protect.panariagroup.it

PANARIAgroup®



**The beauty
of feeling
at home**



Connect to the world, to others, to yourself to discover the beauty of every moment

Connect reflects the contemporary nature of the present, where everything interacts, is mixed, multiracial. Combining different stones, a unique and original surface is created, where diversity becomes the new beauty, to be discovered through a slightly "lived-in" texture in which delicate colors, a variety of designs and natural veining intermingle. A perfect mix that generates an extraordinary new look, suitable for any type of indoor environment.



Gently welcoming your own presence

The naturalness of the Connect stone effect surfaces cross dynamic, multifunctional spaces with coordinated solutions for floor and wall tiles, inviting gestures, emotions and sensations that belong to continuously evolving lifestyles.



Sospiri

Harbour

Akashi

Brooklyn

Forth



Discover new sensations of space and time

The Connect collection consists of a number of sizes that can be combined with each other and a choice of decors that allow you to enhance your home with personality. A surface with a natural finish, richly shaded, producing a rippled look, generated by the interaction of different materials, veining and effects of wear. Beauty which is both strong and natural, for design solutions with contemporary charm.

Porcelain stoneware

Indoor
NATURAL

SIZES

- 24"x24"
- 12"x24"
- 6"x24"

Living in contact with oneself and others, to find oneself again

Communicating, building relationships, creating bonds are essential to understanding who we are. This awareness allows us to change points of view and to enrich ourselves day after day in the discovery of new, practical and functional ideas, even for the surroundings that symbolise us.









Vibrant surfaces for inviting, open spaces



Akashi Natural 12"x24" - 30x60,4 cm
Forth Natural 6"x24" Rect - 15x60 cm







Wellness, harmony and naturalness



Harbour Natural 24"x24" - 60,4x60,4 cm
Forth Natural 12"x24" - 30x60,4 cm





New connections for metropolitan spaces

The contemporary, multifaceted style of the collection brings originality to modern, functional meeting spaces where you can stay alone or in company: places where you can share everything you love, feeling the energy that flows and feeds into relationships, even the most unexpected, surrounded by sincere and true sensations.



first
AVENUE
CAFE

Bon Week-end!

Oenofanie! 102-
aut. lungo da 100ml
con un bicchiere di
vino a 9,95

Per la tua serata
di buon gusto
fornisce 9,95

Bicchieri 240

- bicchieri
- con un bicchiere
di vino a 9,95

Roma Elizabeth 500

mini! 150

- Glicine aromata
+ cioccolato 4,95

mini! 150

- Muffin panini
caramel 2,95

**The spontaneity of simple gestures
is reflected in dynamic urban
settings, with a fresh look,
in which the desire to discover
grows through shared experiences**







Freedom to explore new forms of interaction



Brooklyn Natural 24"x24" - 60,4x60,4 cm
Muretto Brooklyn Natural 12"x28" - 30x71 cm

The story continues...



A technical manual to inspire, to explore the entire collection in detail,
to share ideas and solutions or to look for new ones.



CERAMIC. A SAFE CHOICE.

Panariagroup Ceramics at their best

Ceramics offer unique and outstanding performance

SAFE

HYGIENIC

LONG-LASTING

ZERO VOCs

IT DOES NOT BURN

RESISTANT

VERSATILE

STABLE

RECYCLABLE

ENVIRONMENT-FRIENDLY

Panariagroup stands out for its superior quality products

HEALTHIER

*Thanks to the integrated
Protect® antimicrobial technology*

EASIER TO CLEAN

*Thanks to our exclusive
surface processing techniques*

MORE VERSATILE AND SUITABLE FOR EVERY USE

*Thanks to the wide availability of
high-performance technologies and components
that allow you to obtain products suitable
for different uses*

MORE SUSTAINABLE

*Thanks to a production process that is
extremely efficient in terms of compliance
with environmental standards and consumption
of water, energy and raw materials*

Connect

COLOURED-BODY GLAZED STONEWARE

INTENDED USE: NATURAL   

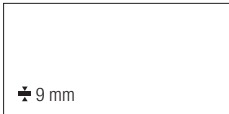
P R () T E C T

ANTIMICROBIAL SURFACE
with MICROBAN®

SOSPIRI



24"x24" - 60,4x60,4 cm
NATURAL

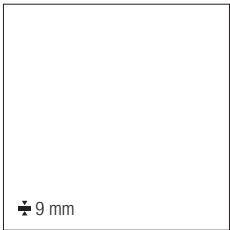


12"x24" - 30x60,4 cm
NATURAL

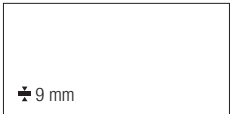


6"x24" Rect - 15x60 cm
NATURAL

HARBOUR



24"x24" - 60,4x60,4 cm
NATURAL



12"x24" - 30x60,4 cm
NATURAL



6"x24" Rect - 15x60 cm
NATURAL

Connect

COLOURED-BODY GLAZED STONEWARE

INTENDED USE: NATURAL   

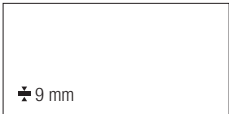
P R () T E C T

ANTIMICROBIAL SURFACE
with MICROBAN®

AKASHI



24"x24" - 60,4x60,4 cm
NATURAL

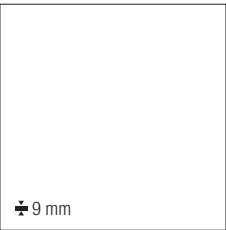


12"x24" - 30x60,4 cm
NATURAL

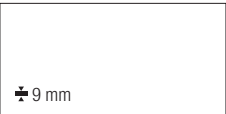


6"x24" Rect - 15x60 cm
NATURAL

BROOKLYN



24"x24" - 60,4x60,4 cm
NATURAL



12"x24" - 30x60,4 cm
NATURAL



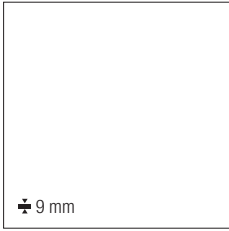
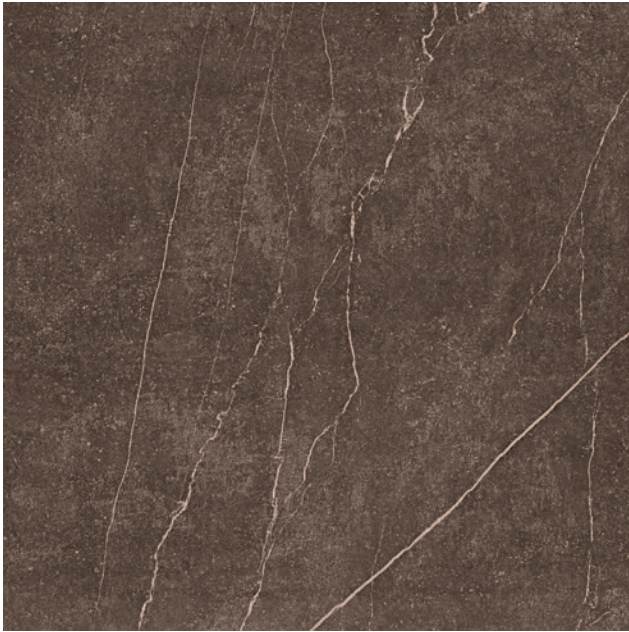
6"x24" Rect - 15x60 cm
NATURAL

Connect

COLOURED-BODY GLAZED STONEWARE

INTENDED USE: NATURAL   

FORTH



24"x24" - 60,4x60,4 cm
NATURAL



12"x24" - 30x60,4 cm
NATURAL



6"x24" Rect - 15x60 cm
NATURAL

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P R O T E C T

ANTIMICROBIAL SURFACE

with MICROBAN®

DECOS



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



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



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



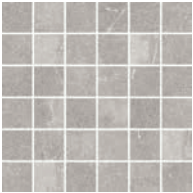
MURETTO BROOKLYN Mesh Mounted
12"x28" - 30x71 cm
NATURAL
± 9 mm



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



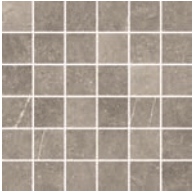
MOSAIC 36 PCS SOSPIRI
12"x12" - 30x30 cm
NATURAL
± 9 mm



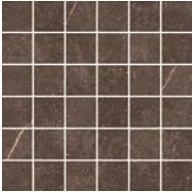
MOSAIC 36 PCS HARBOUR
12"x12" - 30x30 cm
NATURAL
± 9 mm



MOSAIC 36 PCS AKASHI
12"x12" - 30x30 cm
NATURAL
± 9 mm

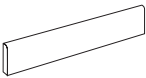


MOSAIC 36 PCS BROOKLYN
12"x12" - 30x30 cm
NATURAL
± 9 mm



MOSAIC 36 PCS FORTH
12"x12" - 30x30 cm
NATURAL
± 9 mm

TRIM PIECES



BULLNOSE
3³/₄"x24" - 9,5x60 cm
NATURAL
± 9 mm
All colors available

Connect

COLOURED-BODY GLAZED STONEWARE















P R () T E C T

ANTIMICROBIAL SURFACE

with MICROBAN®

TECHNICAL FEATURES

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

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES - ANSI A137.1	CONNECT AVERAGE VALUES
 WATER ABSORPTION	ASTM C373	≤ 0.5%	COMPLIANT
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	350 lbf 9 mm
 SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 5 SOSPINI PEI 4 HARBOUR - BROOKLYN - AKASHI PEI 3 FORTH
 LINEAR THERMAL EXPANSION	ASTM C372	No provision	α ≤ 4,4 x 10⁻⁶ °F⁻¹ α ≤ 8x 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 STRENGHT	ASTM C482	≥ 50 PSI	COMPLIANT
 SLIP RESISTANCE	ANSI A326.3	-	ID - DCOF ≥ 0.42 (dry) Natural IW - DCOF ≥ 0.42 (wet) Natural IW+ Natural***
 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.
	NOT RECT (INDOOR)	-	3/16" - 4.7 mm approx
 THICKNESS	SIZES		
	24"x24" - 60,4x60,4 cm	-	9 mm
	12"x24" - 30x60,4 cm	-	
	6"x24" Rect - 15x60 cm	-	

(*) 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.

(***) With the exception of areas characterized by a higher risk of slipping (such as public showers, indoor swimming pools, etc.) for which an Anti-Slip surface is recommended.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	LINEAR FT / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
24"x24" Natural	15.82	-	4	36	569.52	64.48	2,321.28
12"x24" Natural	15.82	-	8	32	506.24	66.58	2,130.56
6"x24" Rect Natural	11.62	-	12	48	557.76	52.47	2,518.51
MOSAIC 36 PCS 12"x12" Natural	4.84	-	5	90	435.6	20	1,800
MURETTO 12"x28" Natural	7.75	-	4	30	232.5	31.97	959.1
BULLNOSE 3^{3/4}"x24" Natural	10.8	31.71	16	60	648	44.09	2,645.4

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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.

CERTIFICATIONS



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 CONNECT series is available on request.



GREENGUARD CERTIFICATION CONNECT series is made in a production plan "GOLD" certified by GREENGUARD.



ENVIRONMENTAL PRODUCT DECLARATION This Environmental Product Declaration is provided by Tile Council of North America (TCNA).

Product designed in Italy and made in USA

PANARIA AND THE ENVIRONMENT



100% REUSE OF UNFIRED TILES

Crude waste generated by the process is reintegrated in the production cycle with no costs for the environment. This contributes to the safeguard of natural resources.



100% REUSE/RECYCLING OF THE INDUSTRIAL WASTE - FIRED TILES

The waste-fired tiles are fully reused in the production cycle. In addition, at the end of life, the tiles Panaria can be recycled as materials for substrates for roads and buildings, thus reducing the use of gravel and natural aggregates commonly used in building.



100% WATER RECYCLING

The water used in the production process is recycled. The water demand is strongly reduced by this mean.



100% OF NON CERAMIC WASTE

Is differentiated and recycled in other production cycles.



LOW EMISSIONS IN THE ATMOSPHERE

Panaria production plant strictly complies to US Standards with a very small amount of gas emissions in the atmosphere.



SAFETY REQUIREMENTS: NO FIRE REACTION

All of Panaria's ceramic tile products are Class A building materials as described in ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials. This is due to the flame spread rating of (0) and smoke developed rating of (0) falling within the ranges of a Class A material. Other building codes refer to this as a Type I material in accordance with NFPA 255.



PANARIA PACKING MATERIAL IS 100% RECYCLABLE

Carton boxes, plastic packaging materials, wooden pallets, straps, etc.



METHANE CONSUMPTION IS HIGHLY REDUCED

By the use of up to date technologies and customized installations.



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July 2022



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