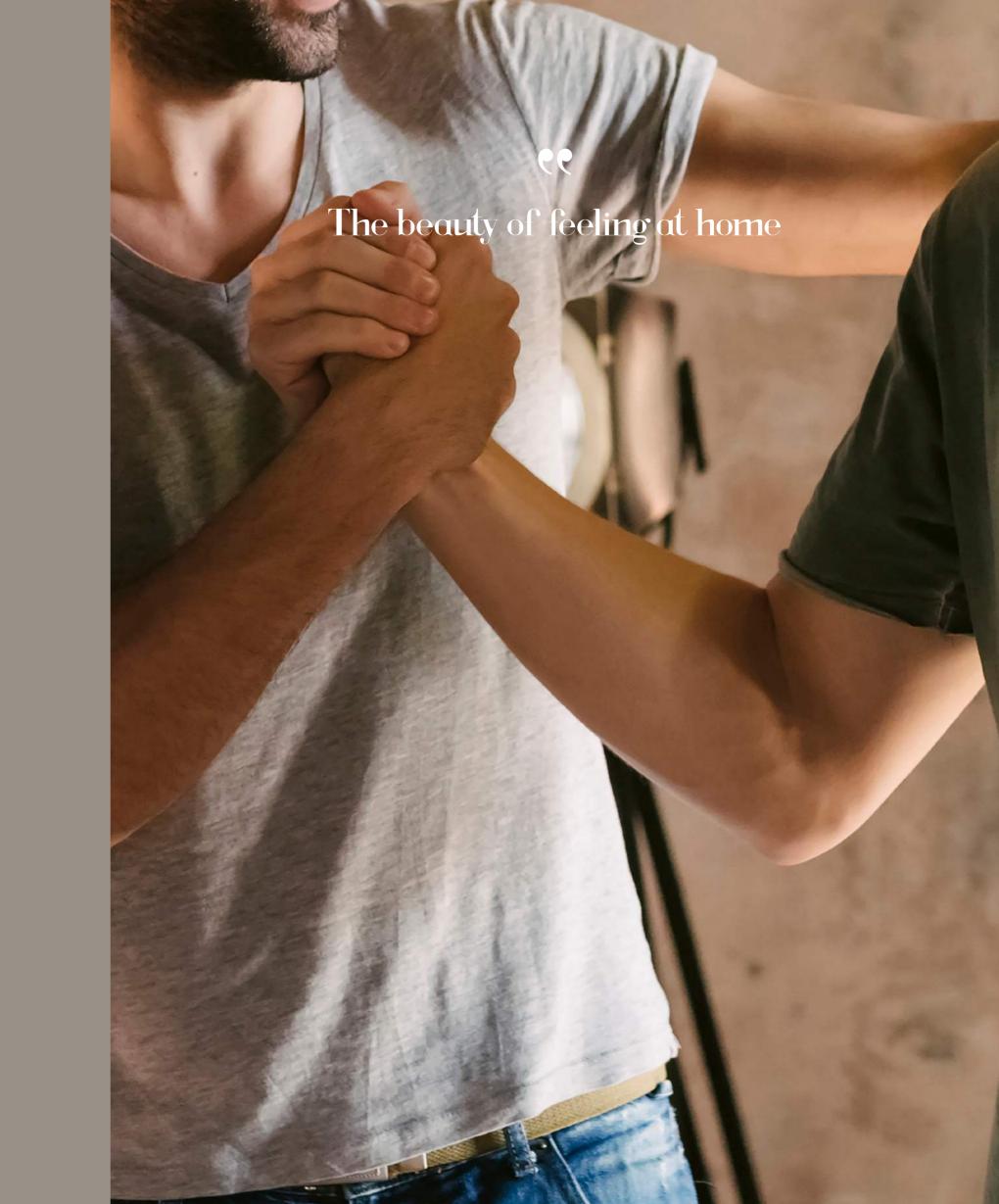
connect Tactile interactions of life and space





Discover new sensations of space and time The Connect colle Forth

??

Gently welcoming your own presence

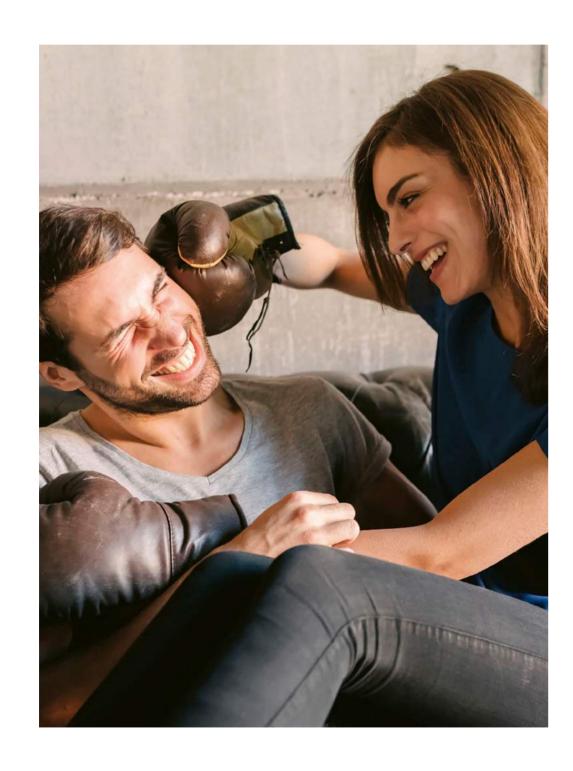
The naturalness of the Connect stone effect surfaces cross dynamic, multifunctional spaces with coordinated solutions for floor and wall tiles, inviting gestures, emotions and sensations that belong to continuously evolving lifestyles.

99



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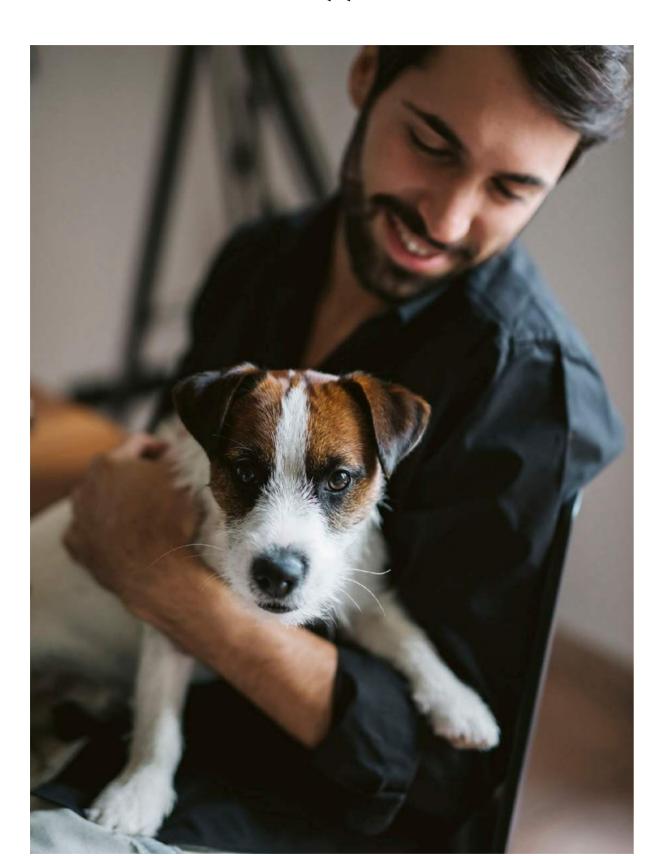
Flowing space, open to change







Sospiri Natural 24"x24"- 60,4x60,4 cm



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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.



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Vibrant surfaces for inviting, open spaces



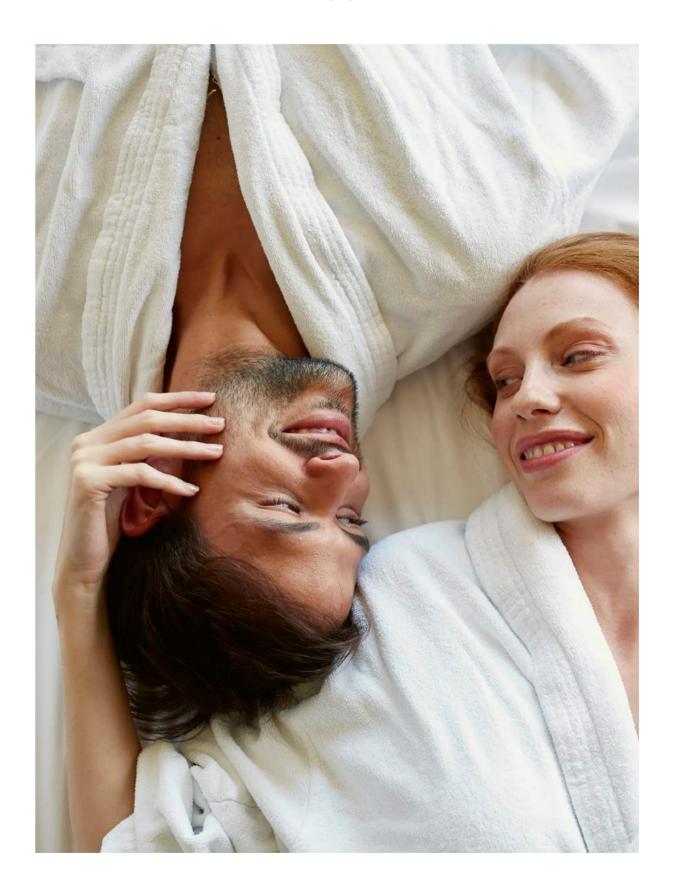




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Wellness, harmony and naturalness

Learn to open up to the world with serenity, accepting its many facets, experiencing the charm that comes from diversity. A new vision is turning into a desire for change, a search for intense, rich beauty to be brought to the most intimate settings.



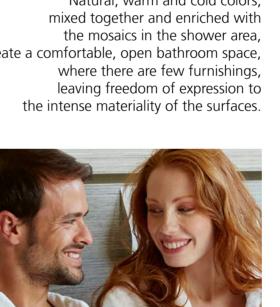
99





Natural, warm and cold colors, mixed together and enriched with the mosaics in the shower area, create a comfortable, open bathroom space, where there are few furnishings, leaving freedom of expression to the intense materiality of the surfaces.











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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.







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.



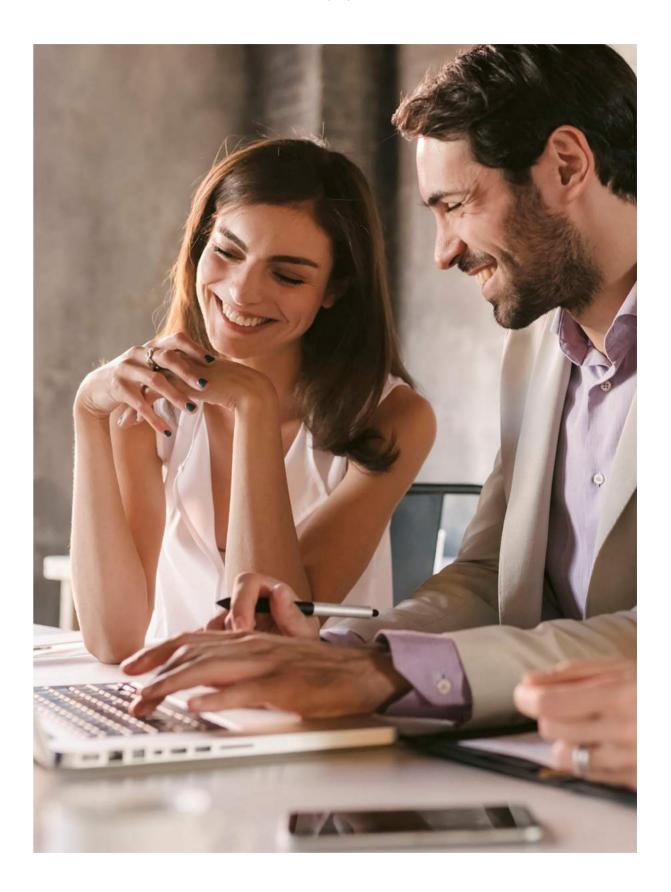


Forth Natural 24"x24"- 60,4x60,4 cm Muretto Forth Natural 12"x28"- 30x71 cm

?

Searching for the essence of things so that we can change and evolve

Knowledge becomes essential for change, to evolve and improve the conceptual design in every area. Connect redefines the concept of stone and transforms it into a creative surface that accompanies our moments, always varied and evolving.



9





Freedom to explore new forms of interaction







PR()TECT

The exclusive Panariagroup technology for antimicrobial floor and wall coverings with the highest performance. To live healthily, safe and secure.



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



GUARANTEED QUALITY

by the partnership with **MICROBAN**

protect.panariagroup.it

PANARIAgroup[®]

SURFACE: NATURAL

COLOURED-BODY GLAZED STONEWARE

COLOURED-BODY GLAZED STONEWARE



SOSPIRI



∓ 10 mm

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

∓ 9 mm

12"x24"- *30x60,4 cm* NATURAL

★ 10 mm

NATURAL

6"x24" Rect - 15x60 cm

HARBOUR





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

12"x24"- 30x60,4 cm NATURAL

<u>∓</u> 10 mm

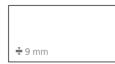
6"x24" Rect - 15x60 cm NATURAL

AKASHI





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



12"x24"- 30x60,4 cm NATURAL

∓ 10 mm

6"x24" Rect - 15x60 cm NATURAL

BROOKLYN





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



12"x24"- 30x60,4 cm NATURAL

∓ 10 mm

6"x24" Rect - 15x60 cm NATURAL

COLOURED-BODY GLAZED STONEWARE

SURFACE: NATURAL



FORTH





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

₹ 9 mm

12"x24"- 30x60,4 cm NATURAL

± 10 mm

6"x24" Rect - 15x60 cm NATURAL

COLOURED-BODY GLAZED STONEWARE

DECOS



MURETTO SOSPIRI Meshed Mounted 12"x28" - 30x71 cm NATURAL

∓ 9 mm



MURETTO HARBOUR Meshed Mounted 12"x28" - 30x71 cm NATURAL

∓ 9 mm



MURETTO AKASHI Meshed Mounted 12"x28" - 30x71 cm NATURAL

∓ 9 mm



MURETTO BROOKLYN Meshed Mounted 12"x28" - 30x71 cm NATURAL

∓ 9 mm



MURETTO FORTH Meshed Mounted 12"x28" - 30x71 cm NATURAL

∓ 9 mm



MOSAIC SOSPIRI 36 pcs 12"x12" - 30x30 cm NATURAL

₹ 9 mm



MOSAIC HARBOUR 36 pcs 12"x12" - 30x30 cm NATURAL

∓ 9 mm



MOSAIC AKASHI 36 pcs 12"x12" - 30x30 cm NATURAL

₹9 mm



MOSAIC BROOKLYN 36 pcs 12"x12" - 30x30 cm NATURAL

∓ 9 mm

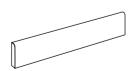


MOSAIC FORTH 36 pcs 12"x12" - 30x30 cm NATURAL



∓ 9 mm

TRIM PIECES



BULLNOSE 3^{3/4}"x23^{1/2}" - 9,5x59,5 cm NATURAL **±** 10 mm

All colors available



Connect



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%	CONFORMS
<u> </u>	BREAKING STRENGTH	ASTM C648	≥ 250 lbf	350 lbf 9 mm 425 lbf 10 mm
PEI	SURFACE ABRASION RESISTANCE	ASTM C1027	AS INDICATED BY MANUFACTURER	PEI 5 SOSPIRI PEI 4 HARBOUR - BROOKLYN - AKASHI PEI 3 FORTH
	LINEAR THERMAL EXPANSION	ASTM C372	NO PROVISION	$\alpha \le 8 \times 10^{-6} ^{\circ}C^{-1}$ $\alpha \le 4.4 \times 10^{-6} ^{\circ}F^{-1}$
*	STAIN RESISTANCE	ASTM C1378	AS INDICATED BY MANUFACTURER	A RESISTANT
<u></u>	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	CONFORMS
	SLIP RESISTANCE	ANSI A326.3	DCOF ≥ 0.42	≥ 0.42
	SHADE VARIATION	ANSI A137.1	AS INDICATED BY MANUFACTURER	V3 Moderate variation
	FLAME SPREAD	ASTM E84	-	Class A
<u>+++</u>	THERMAL CONDUCTIVITY	EN 12524	-	λ = 1,3 W/m °K / 0.7 BTU/ft h °F
	RECOMMENDED MINIMUM JOINT	NOT RECT	_	3-4 mm APPROX (Indoor)
4		RECT		2 mm
7	THICKNESS	24"X24"- 60,4X60,4 cm 6"X24" Rect - 15X60 cm	-	10 mm
		12"X24"- 30X60,4 cm		9 mm

^(*) Excluding hydrofluoric acid and its derivatives

PACKINGS AND WEIGHTS

SIZES	SF / CTN	LINEAR FT / CT	N PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
24"x24"	15.82	-	4	32	506.32	71.65	2,292.80
12"x24"	15.82	-	8	32	506.32	66.58	2,130.51
6"x24" RECT	11.62	-	12	48	557.76	53.79	2,581.92
MOSAIC 36 pcs 12"x12"	4.84	-	5	90	435.60	20.00	1,800.00
MURETTO 12"x28"	7.75	-	4	30	232.50	31.97	959.10
BULLNOSE 3 ^{3/4} "x23 ^{1/2} "	9.73	31.22	16	60	583.80	43.60	2,616.00

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.



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







Samples submitted, waiting for approval.







Panaria products have a type III specific Environmental Product Declaration (EPD).
This is certified by an independent third party according to ISO EN 14025 and EN 15804 standards. Available on request.

Product designed in Italy

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 Panaria tiles can be recycled as materials for substrates for roads and buildings, thus reducing the use of gravel and natural aggregates commonly used in building.



WATER RECYCLING

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



PANARIA PACKING MATERIAL IS 100% RECYCLABLE

Carton boxes, plastic packaging materials, wooden pallets,



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 (O) and smoke developed rating of (O) 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.



SAFETY REQUIREMENTS: DCOF ≥ 0.42

Panaria CONNECT series has got a Dynamic Coefficient Of Friction ≥ 0.42, as requested by ANSI A326.3 "For level interior spaces expected to be walked upon when wet"



METHANE CONSUMPTION IS HIGHLY REDUCED

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



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