





"Colors that evoke and create an harmonious and free style"



Vivid wood, with natural tones and prominent grain, is the source of inspiration for a colored-body glazed stoneware tile with excellent technical performances which guarantee enduring beauty.

The surface is full of details, pleasing to the eye and to the touch.

It offers a natural feeling, which must be experienced day by day.

Smooth 8"x36"- 20x90.5 cm



"They're my emotions, my discoveries, everything I care about. It's my home, it's life"







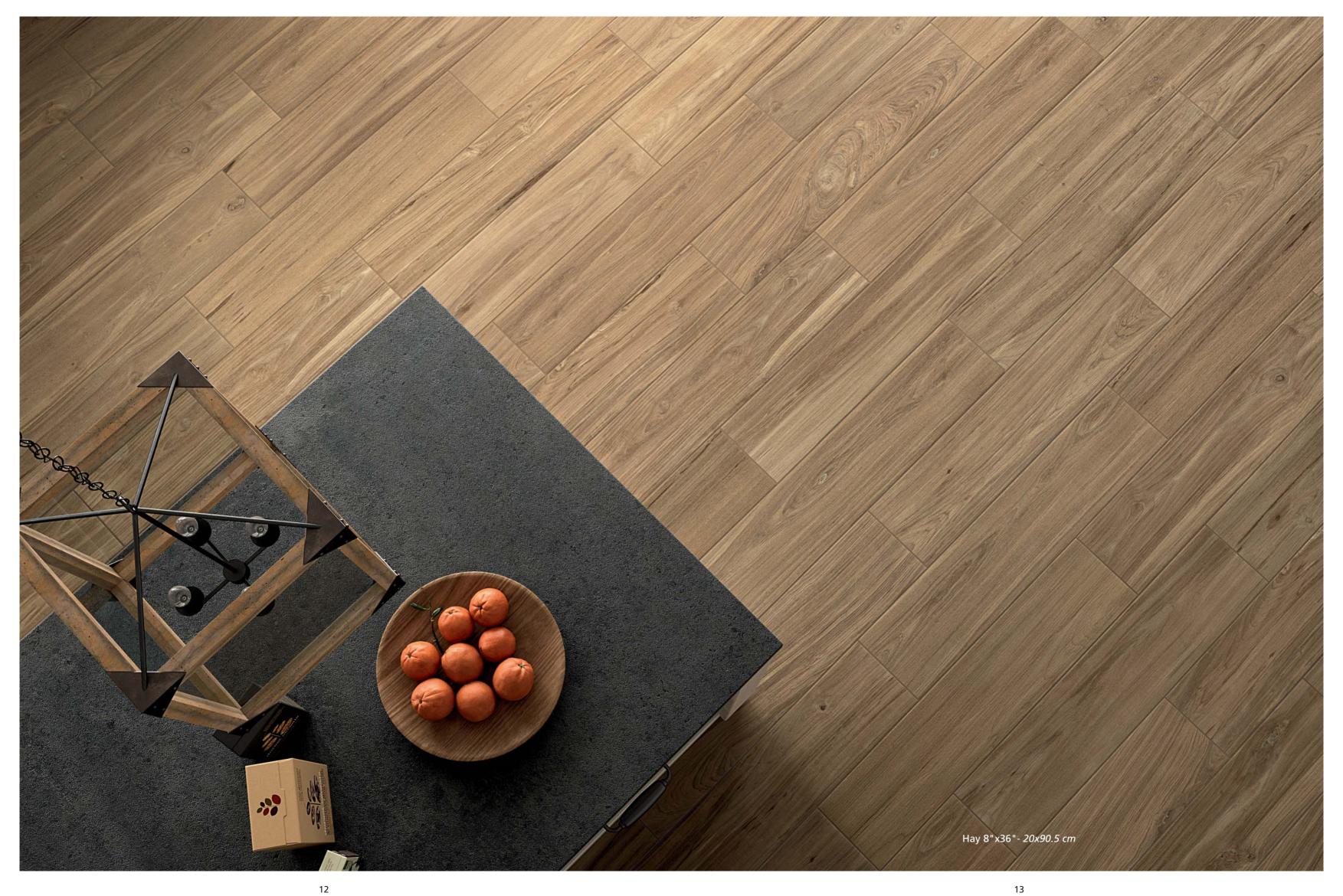


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A timeless décor, perfect for giving new creative energy to any environment, offering a flawless essential mood.

Herringbone Modulus A-B Hav 10"x24"- 24.4x60 cm













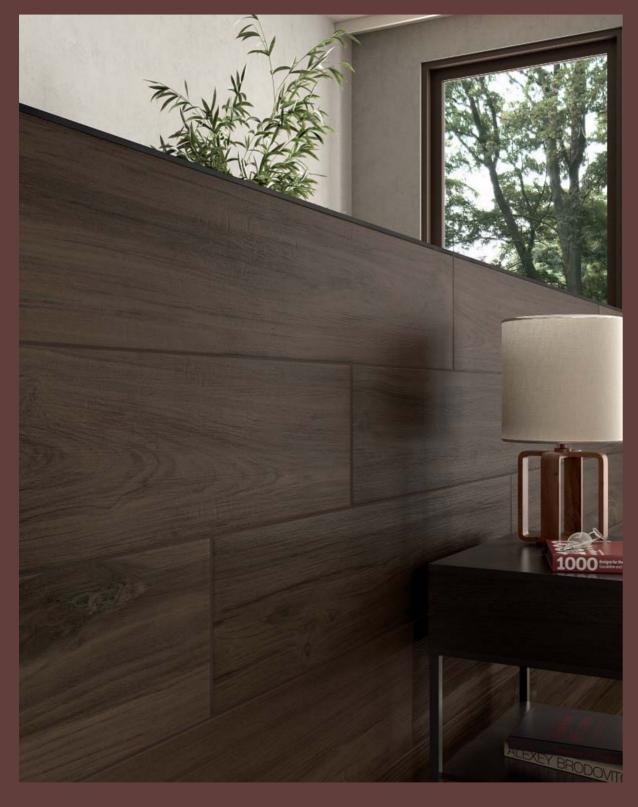


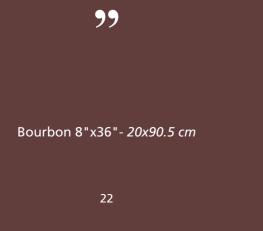






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The natural vocation of the surface, so detailed and intense, is combined with the performance of porcelain stoneware, to offer perfection in any space.

Smoke 8"x36"- 20x90.5 cm _ Herringbone Modulus A-B Polar 10"x24"- 24.4x60 cm



Life

POLAR



HAY



SMOOTH



BOURBON



SMOKE



34

± 10 mm

8"x36" 20x90.5 cm

DECOS



HERRINGBONE MODULUS A-B POLAR 10"x24" 24.4x60 cm ÷ 10 mm



HERRINGBONE MODULUS A-B HAY 10"x24" 24.4x60 cm ★ 10 mm



HERRINGBONE MODULUS A-B SMOOTH 10"x24"

24.4x60 cm ★ 10 mm



HERRINGBONE MODULUS A-B BOURBON 10"x24" 24.4x60 cm ★ 10 mm



HERRINGBONE MODULUS A-B SMOKE 10"x24"

24.4x60 cm ÷ 10 mm

TRIM PIECES



COVE BASE 6"x12" 15x30 cm ± 10 mm All colors available Special orders

PACKINGS AND WEIGHTS

SIZES	SF / CTN	LINEAR FT / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
8"x36"	11.95	-	6	48	573.6	54.23	2,603.04
HERRINGBONE MODULUS A-B 10"x24"	5.54	-	6	35	193.9	27.60	966.0
COVE BASE 6"x12"	3.87	-	8	108	417.9	16.50	1,782.0

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	LIFE AVERAGE VALUES
(T)	WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
	BREAKING STRENGTH	ASTM C648	≥ 250 lbf	425 lbf 10 mm
PEI	SURFACE ABRASION RESISTANCE	ASTM C1027	AS INDICATED BY MANUFACTURER	PEI 3 SMOOTH - BOURBON - SMOKE PEI 4 POLAR - HAY
	LINEAR THERMAL EXPANSION	ASTM C372	NO PROVISION	$\alpha \le 8 \times 10^{-6} ^{\circ}\text{C}^{-1}$ $\alpha \le 4.4 \times 10^{-6} ^{\circ}\text{F}^{-1}$
*	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	CONFORMS
	SLIP RESISTANCE	ANSI A326.3	DCOF ≥ 0.42	≥ 0.42
	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	-	3-4 mm APPROX (Indoor)
	THICKNESS	ALL SIZES	-	10 mm

35

^(*) Excluding hydrofluoric acid and its derivatives



CERTIFICATIONS











100%
eco compatibile

CERAMICA PANARIA







Samples submitted, waiting for approval.

Product designed in Italy

PANARIA LIFE SERIES 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.



100% WATER RECYCLING

The water used in the production process is 100% recycled. The water demand is strongly reduced by this mean. No industrial water is discharged in the ecosystem.



PANARIA PACKING MATERIAL IS 100% RECYCLABLE

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



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 LIFE 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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