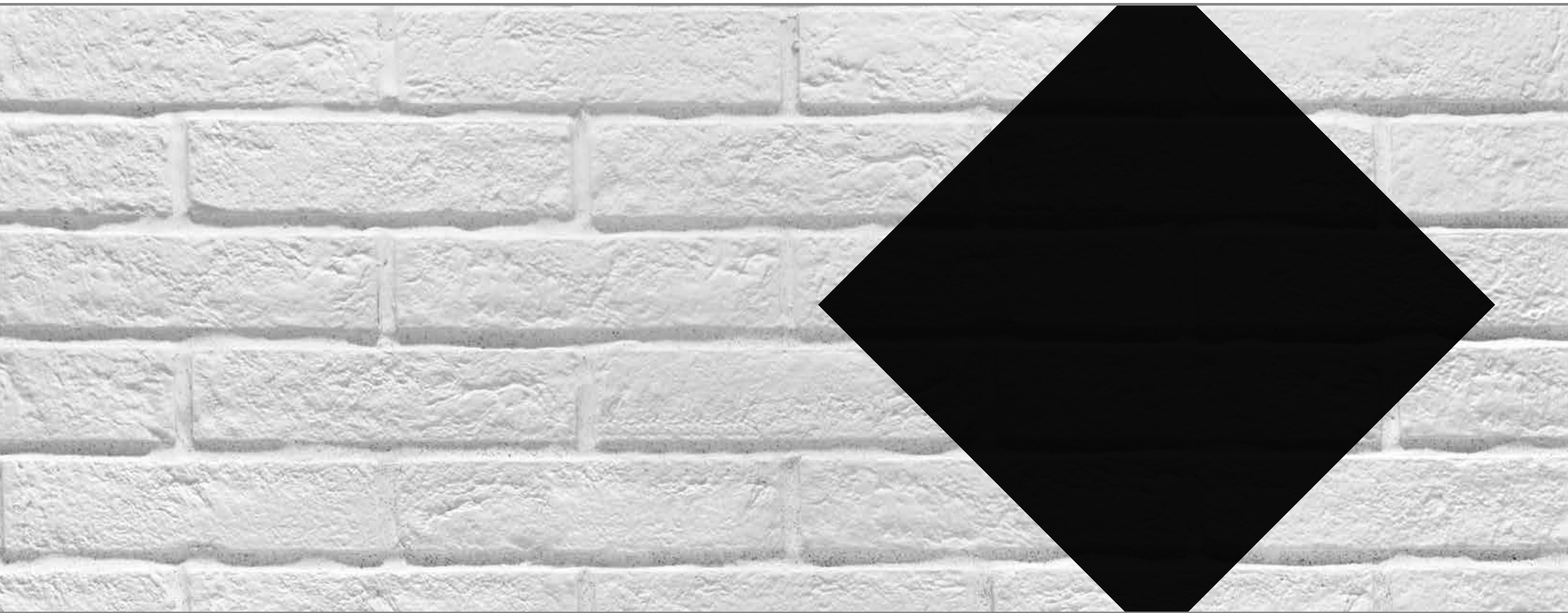




Transforming
spaces, elevating
experiences

Bristol Collection

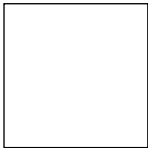




Ceramica Rondine has developed a new collection: Brick Generation, a perfect blend of contemporary style and timeless appeal. We're looking at a wall covering able to offer an impressively accurate reproduction of the surface and the feel of brick. The rough texture, of an unprecedented material intensity, comes in a wide variety of shades, which, in a thickness of just 10 mm, brings the marvellous essence of brick right back to life. This focus on bringing a personal touch to settings with a brickwork twist allows us to experiment with a few simple objects to create a 100% urban look.



Spessore/Thickness 8,5 mm



34x34 (13 1/2"x13 1/2")



17x34 (7"x13 1/2")

Spessore/Thickness 10 mm



6x25 (2 1/3"x10")

The cosmopolitan air of Bristol, with a wealth of traces of the city's post-industrial heritage, is reflected in the brand-new surface crafted by Ceramica Rondine, inspired by the typical brick facades found there. The allure, feel and urban spirit of bricks springs back to life in this porcelain stoneware, evident in which is the strongly contemporary nature of the vibrant neighbourhoods that make up this English city.





Bristol Cream 6x25 (2 1/3"x10") - Tabula Chocolate 15x100 (6"x39 1/4")

WATER
PROOF

0,3%

GA - GHA - GLA

OK

48

5

6

5

Classe V

R10

ASTM: 0,72 - 0,75
Pendulum: 55 - 48

BRICK

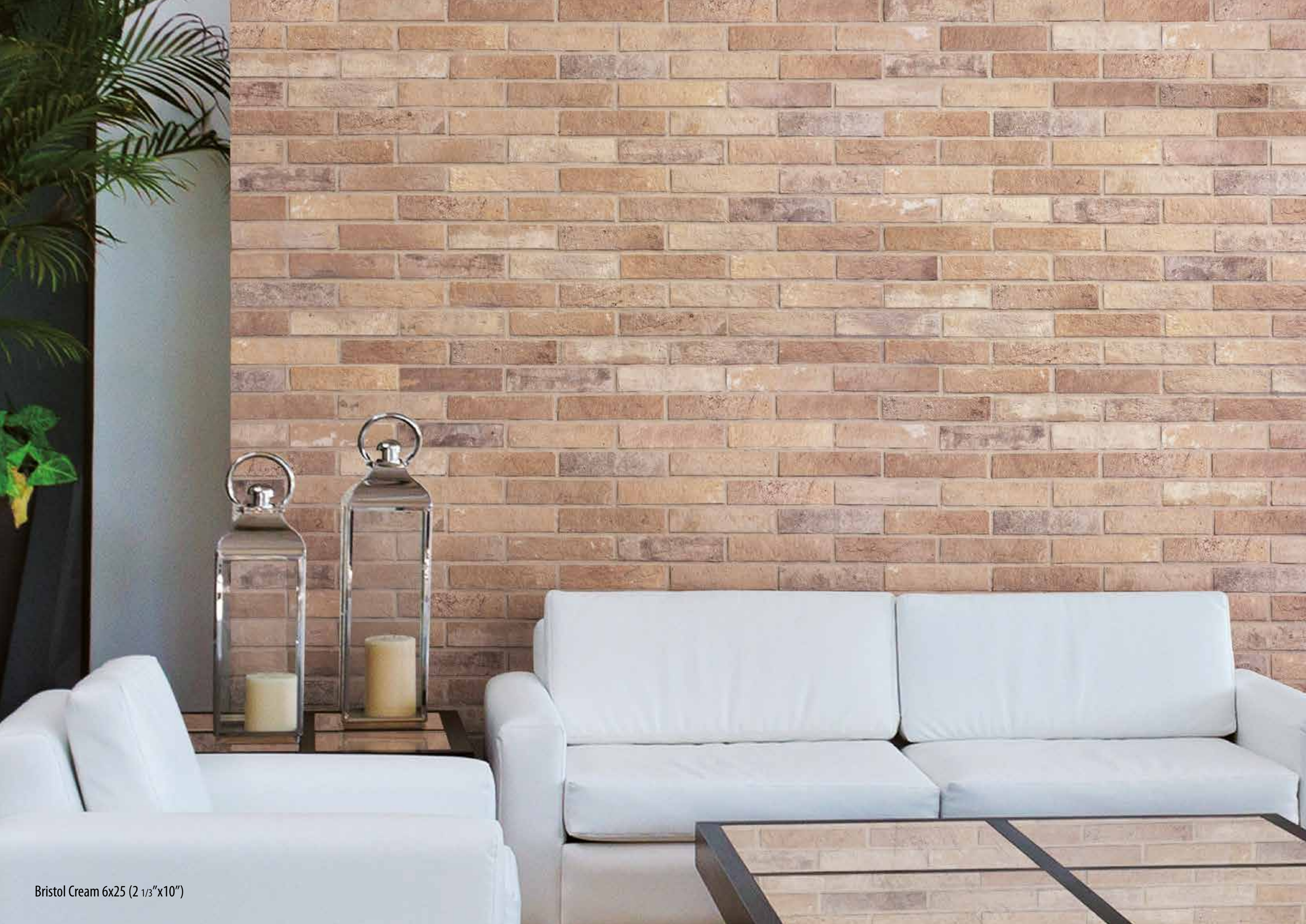
R11

ASTM: 0,81 - 0,74
Pendulum: 55 - 48



CREAM

The vintage reflections take possession of the walls, filling the home with a sophisticated new mood enhanced with retro details, reproducing the effect of hollow ceiling tiles and small brick surfaces.



Bristol Cream 6x25 (2 1/3"x10")

BRISTOLCREAM



Bristol Cream 17x34 (7"x13 1/2")

COORDINATED FLOORS



34x34
13 1/2"x13 1/2"



17x34
7"x13 1/2"



Bristol Rust 6x25 (2 1/3"x10") - Rust Coal 60,5x60,5 (24"x24")

WATER
PROOF

0,3%

GA - GHA - GLA

OK

48

5

6

5

Classe V

R10

ASTM: 0,72 - 0,75
Pendulum: 55 - 48

BRICK

R11

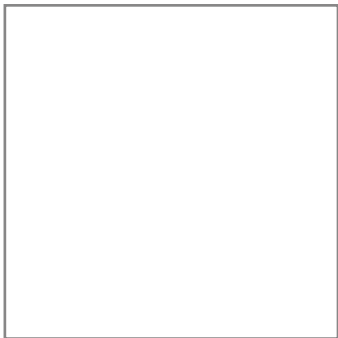
ASTM: 0,81 - 0,74
Pendulum: 55 - 48

RUST



BRISTOLRUST

COORDINATED
FLOORS



34x34
13 1/2"x13 1/2"



17x34
7"x13 1/2"



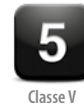
Bristol Rust 34x34 (13 1/2"x13 1/2")



Bristol Rust 17x34 (7"x13 1/2")



Bristol Red 6x25 (2 1/3"x10")



ASTM: 0,72 - 0,75
Pendulum: 55 - 48



ASTM: 0,81 - 0,74
Pendulum: 55 - 48

RED

Leading-edge ceramic technology goes into crafting 20 surfaces that offer an accurate reproduction of the shades of brick, thus breathing life into a new material generation: the Brick Generation.



Bristol Red Angolo 12x25x6 (6"x10"x2 1/3")



Bristol Red 6x25 (2 1/3"x10")



Bristol Red 6x25 (2 1/3"x10") - 17x34 (7"x13 1/2") - Salvage Sienna 15x100 (6"x39 1/4")



Bristol Red 6x25 (2 1/3"x10") - 34x34 (13 1/2"x13 1/2")



Bristol Red 6x25 (2 1/3"x10") - Hard Brown 15x61 (6"x24")

BRISTOLRED



COORDINATED FLOORS



34x34
13 1/2" x 13 1/2"



17x34
7" x 13 1/2"

Bristol Red 17x34 (7"x13 1/2")



Bristol Umber 6x25 (2 1/3"x10") - Julia Grigio 17x34 (7"x13 1/2")

WATER PROOF
0,3%

GA - GHA - GLA

OK

48

5

6

5
Classe V

R10
ASTM: 0,72 - 0,75
Pendulum: 55 - 48

R11
ASTM: 0,81 - 0,74
Pendulum: 55 - 48

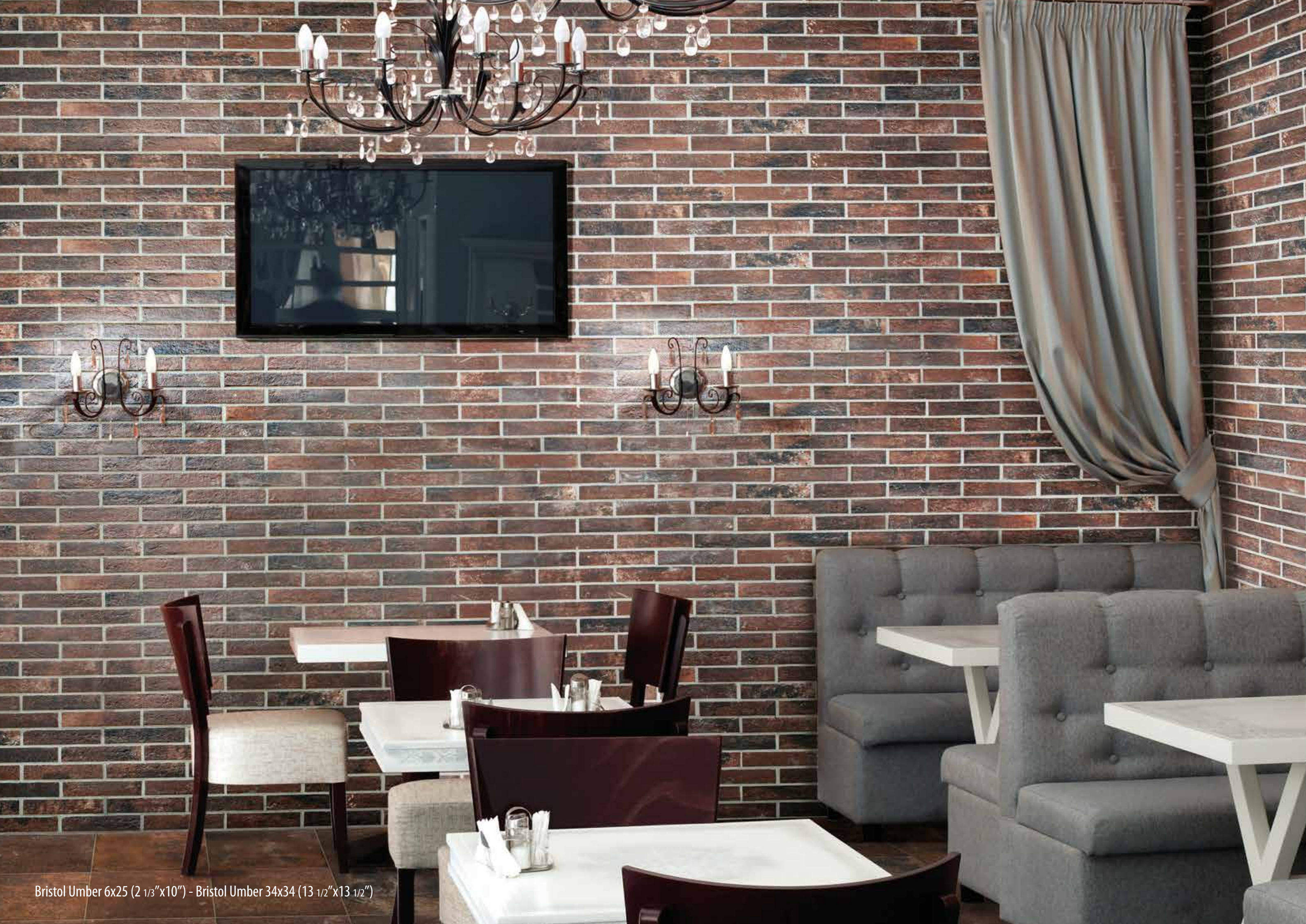
BRICK

UMBER

The innovative focus of this collection is not limited to the perfect reproduction of the appearance of industrial brickwork, but is also evident in the variety of ways in which it can be used: it is ideal for both floors and walls.

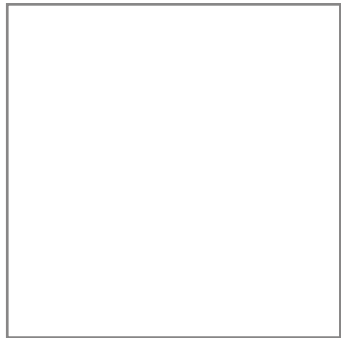


Bristol Umber 6x25 (2 1/3"x10")



BRISTOLUMBER

COORDINATED
FLOORS



34x34
13 1/2"x13 1/2"



17x34
7"x13 1/2"



Bristol UMBER 17x34 (7"x13 1/2") - 34x34 (13 1/2"x13 1/2")



WATER
PROOF

0,3%

GA • GHA • GLA

OK

48

5

6

4

Classe IV

R10

ASTM: 0,72 • 0,75
Pendulum: 55 • 48

BRICK

R11

ASTM: 0,81 • 0,74
Pendulum: 55 • 48

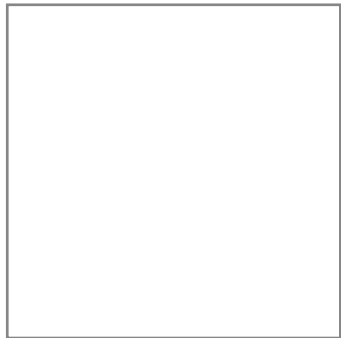
DARK

Not only the classic 6x25 size, but also the new 34x34, 17x34 sizes make it possible to create stylish brickwork surfaces on both floors and walls, indoors and out.



Bristol Dark 6x25 (2 1/3"x10")

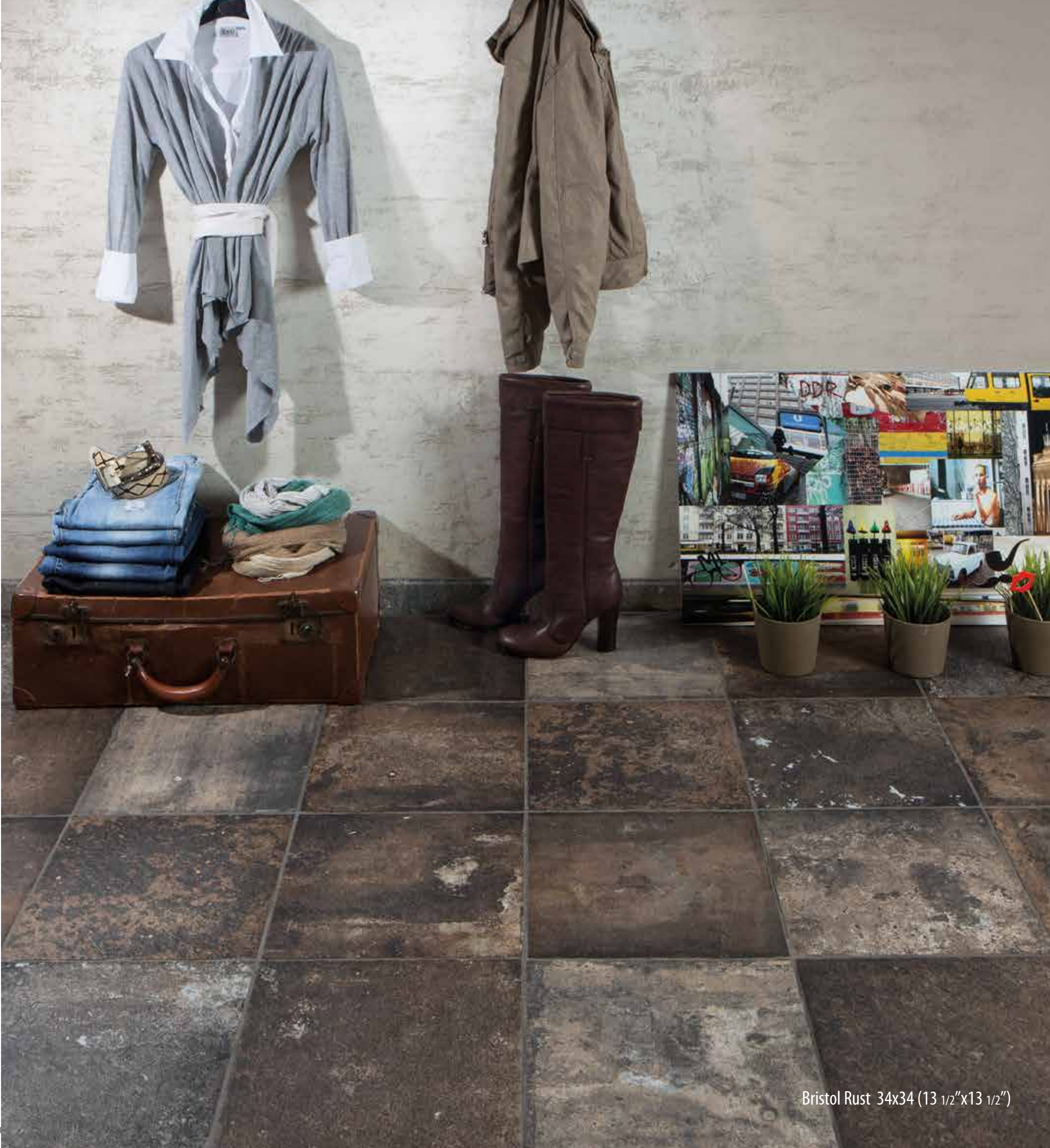
COORDINATED
FLOORS



34x34
13 1/2"x13 1/2"



17x34
7"x13 1/2"



Bristol Rust 34x34 (13 1/2"x13 1/2")

PATTERNS



Tiles with random shade and aspect variation



31

17X34

DIFFERENT PATTERNS

61

34X34

DIFFERENT PATTERNS

300

6X25

DIFFERENT PATTERNS



SUGGESTED GROUTS

GRIGIO CHIARO C20

ARGENTO 111



J85667
6x25 (2 1/3"x10")



J85998
6x25 (2 1/3"x10")

COORDINATED FLOORS



J85529
34x34 (13 1/2"x13 1/2")



J85534
17x34 (7"x13 1/2")

FURTHER SUGGESTED FLOORS MATCHING BRICK

TABULA

CHOCOLATE

CAPPUCCINO

MYTHOS

BROWN

HARD

BROWN

VISUAL

NATURALE

AMARCORD

SABBIA

RUST

DUST

MUSK

CORTEN

COAL



SUGGESTED GROUTS

GRIGIO PERLA C30

MANHATTAN 2000 110



J85670
6x25 (2 1/3"x10")



J86001
6x25 (2 1/3"x10")

COORDINATED FLOORS



J85532
34x34 (13 1/2"x13 1/2")



J85537
17x34 (7"x13 1/2")

FURTHER SUGGESTED FLOORS MATCHING BRICK

TABULA

CHOCOLATE

CAPPUCCINO

MYTHOS

BROWN

HARD

BROWN

VISUAL

MORO

MIELE

AMARCORD

TORTORA

RUST

DUST

MUSK

COAL



SUGGESTED GROUTS

GRIGIO CHIARO C20

ARGENTO 111



J85669
6x25 (2 1/3"x10")



J86000
6x25 (2 1/3"x10")

COORDINATED FLOORS



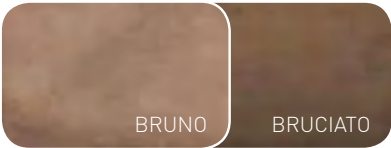
J85531
34x34 (13 1/2"x13 1/2")



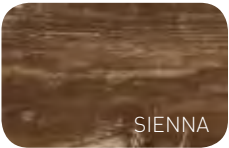
J85536
17x34 (7"x13 1/2")

FURTHER SUGGESTED FLOORS MATCHING BRICK

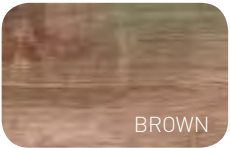
AMARCORD



SALVAGE



HARD



RUST



SUGGESTED GROUTS

GRIGIO C10

GRIGIO MEDIO 112



J85671
6x25 (2 1/3"x10")



J86002
6x25 (2 1/3"x10")

COORDINATED FLOORS



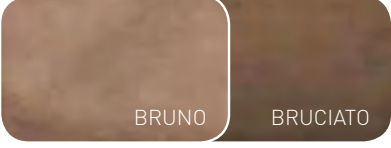
J85533
34x34 (13 1/2"x13 1/2")



J85538
17x34 (7"x13 1/2")

FURTHER SUGGESTED FLOORS MATCHING BRICK

AMARCORD



VISUAL




RUST




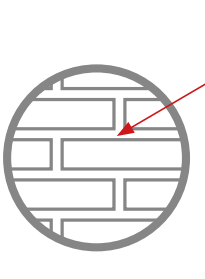
BRISTOLDARK



SUGGESTED GROUTS


GRIGIO C10

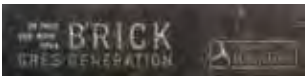

GRIGIO MEDIO 112



LAY WITH
1 CM JOINT

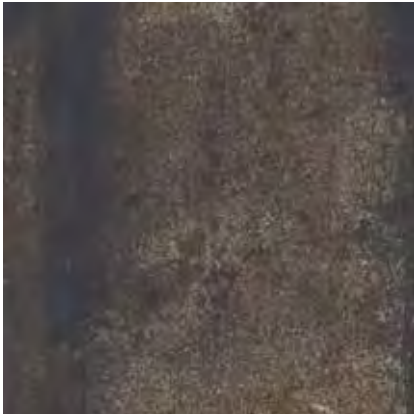


J85668
6x25 (2 1/3"x10")



J85999
6x25 (2 1/3"x10")

COORDINATED FLOORS



J85530
34x34 (13 1/2"x13 1/2")



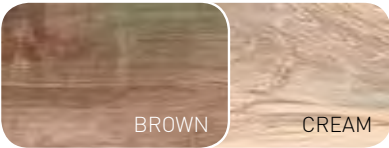
J85535
17x34 (7"x13 1/2")

FURTHER SUGGESTED FLOORS MATCHING BRICK

TABULA



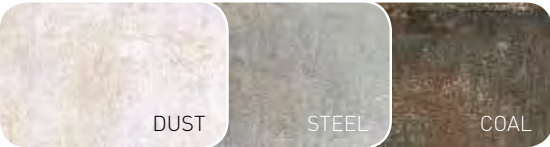
HARD











AMARCORD


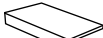
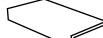









RUST



	 6x25 (2 1/3"x10")	 Angolo incollato 12x25x6 (6"x10"x 2 1/3")	 Angolo monolitico 4x17x6 (1 3/4"x7"x 2 1/3")
 Rust	J85670	J85702	J85962
 Cream	J85667	J85699	J85959
 Red	J85669	J85701	J85961
 Umber	J85671	J85703	J85963
 Dark	J85668	J85700	J85960

FORMATO - SIZE - FORMAT FORMAT - FORMATO - ФОРМАТ	SPESS. THICKN.	PZ/BOX	M²/BOX COMPRESA FUGA DI 1 CM 1 CM JOINT INCLUDED	KG/M²	BOX/ PALLET	M²/ PALLET	KG/ PALLET	CODICE PREZZO
6x25 (2 1/3"x10")	10 mm	32	0,58	16,9	100	58	980,2	■ M393
Angolo incollato 12x25x6 (6"x10"x 2 1/3")	10 mm	12						● P132
Angolo monolitico 4x17x6 (1 3/4"x7"x 2 1/3")	10 mm	10						● P076
Firma 6x25 (2 1/3"x10")	10 mm	3						● P096

	 Battiscopa 8x33,3 (3 1/4"x 13")	 Elemento a L incollato 17x34x5 (7"x 13 1/2"x2")	 Elemento a L monolitico 15,5x30x4 (6"x 12"x13 3/4")	 Gradino + Toro 34x34 (13 1/2"x 13 1/2")	 Angolo + Toro 34x34 (13 1/2"x 13 1/2")
 Rust	J85552	J85740	J85855	J85542	J85547
 Cream	J85549	J85737	J85852	J85539	J85544
 Red	J85551	J85739	J85854	J85541	J85546
 Umber	J85553	J85741	J85856	J85543	J85548
 Dark	J85550	J85738	J85853	J85540	J85545

FORMATO - SIZE - FORMAT FORMAT - FORMATO - ФОРМАТ	SPESS. THICKN.	PZ/BOX	M²/BOX ML/BOX	KG/M²	BOX/ PALLET	M²/PALLET ML/PALLET	KG/ PALLET	CODICE PREZZO
34x34 (13 1/2"x13 1/2")	8,5 mm	11	1,27	16,1	48	60,96	982	
17x34 (7"x13 1/2")	8,5 mm	23	1,35	16,1	48	64,8	1043,3	■ M293
Battiscopa 8x33,3 (3 1/4"x13")		27	9		66	594	742,50	▶ L022
Elemento a L inc. 17x34x5 (7"x13 1/2"x2")		8						● P126
Elemento a L mon. 15,5x30x4 (6"x12"x1 3/4")		8						● P148
Gradino+Toro 34x34 (13 1/2"x13 1/2")		6						
Angolo+Toro 34x34 (13 1/2"x13 1/2")		2						

THE IDEAL SOLUTION TO FACADES ON THERMAL INSULATION SYSTEM

Brick Generation porcelain stone is ideal for application to external insulation systems, usually called “thermal wall coating”.

THE MAIN **ADVANTAGES** OF THIS COMBINATION CONSIST OF:

ELIMINATION OF THERMAL BRIDGING AND INCREASED OCCUPIER COMFORT:

reduction in heat dissipation points

IMPROVED ENERGY PERFORMANCE:

provides thermal inertia

SIMPLE TO INSTALL:

both for new-builds and renovations

INCREASES PROPERTY VALUES:

PROTECTION FROM ATMOSPHERIC AGENTS AND IMPROVED AESTHETICS:

porcelain stone offers exceptional resistance to atmospheric agents and does not change colour or fade when exposed to light; it also protects the external insulation from damage and impacts.

ENVIRONMENTAL SENSITIVITY:

reduced energy consumption with consequent reductions in atmospheric emissions and pollution

ACCESS TO GOVERNMENT CONTRIBUTIONS AND INCENTIVES:

depending on applicable local legislation

INSTALLATION TIPS

In order to apply Brick Gres Generation to exterior walls with external insulation systems, we suggest installing the **MAPETHERM® TILE SYSTEM** external thermal insulation system after checking that the substrate is of sufficient strength and free of inconsistencies, and removing the existing paint.

- 1 Apply a coat of render with a minimum tensile strength of 1.00N/mm².
- 2 Fasten an aluminium starting profile with drip channel using nylon wall plugs with galvanised steel screws in order to ensure the insulation panels are installed perfectly horizontal.
- 3 Apply the insulation panels with a single-component cement mortar for panel application. The adhesive must be applied both to the panels and the substrate.
- 4 After a minimum of 48-72 hours have passed since the panels were applied, a structural render must be applied; this must have a high content of resins and synthetic fibres as well as good adhesion. For this thermal insulation system the use of **PLANITOP HDM MAXI** is strictly recommended. This substrate, once hardened, must provide a tough, compact layer which is impermeable to water and resistant to freeze-thaw cycles.
- 5 Apply alkali-resistant fibreglass mesh reinforcement, **MAPEGRID G 120**, to the mortar while still wet. Next, with the mortar still not hardened, 4-5 expansion plugs per m² must be installed, with 7 mm diameter galvanised steel screws, for a fastening thickness of 160 mm, with 10 mm nylon plugs and thermal break, **MAPETHERM TILE FIX**, washers, fastened to the underlying structure. In the presence of openings, we recommend applying further portions of mesh arranged at 45° in the corners.
- 6 After at least 10 days' curing of the structural render (in good weather), the ceramic covering can be laid using an adhesive with good deformability characteristics, such as the following, according to requirements (see technical characteristics at www.mapei.com): **ULTRALITE S2**, **ULTRALITE FLEX**, **KERAFLEX MAXI S1**. The tile adhesive must be applied both to the substrate and spread on the back of the tiles; the tiles must be adequately knocked and/or pressed down during application to avoid the formation of dangerous air bubbles.
- 7 Joints of a suitable width must be left when laying the tiles (10 mm). The joints may be grouted using keracolor gg, or alternatively **ULTRACOLOR PLUS** (see technical characteristics at www.mapei.com).
- 8 Flexible joints must also be created in correspondence with the string courses, limiting the sections to a maximum of 16 m². These joints can then be sealed with **MAPESIL LM**, neutral curing silicone sealant with maximum deformation of 25%, or alternatively using **MAPESIL AC**, mould-resistant pure acetic silicone sealant, for movements up to 25%, by first applying masking tape to the edges of the joint and then removing it once the silicone has been applied, before this is allowed to fully cure.

EXAMPLE

- 1 CONCRETE
- 2 ADHESIVE
- 3 INSULATING PANEL
- 4 STRUCTURAL RENDER
- 5 AR FIBRE GLASS MESH
- 6 ANCHORS
- 7 ADHESIVE
- 8 BRICK GENERATION
- 9 GROUT
- 10 SEALANT





Tiles with uniform appearance



Tiles with slight shade and aspect variation



Tiles with moderate shade and aspect variation



Tiles with random shade and aspect variation



Tiles specifically used for floors



Tiles especially suitable for outdoor applications



Tiles specifically used for wall coverings



Easy dirt removal



Tiles for dwelling houses



Slip resistance



Tiles suitable for low traffic public and commercial areas



Frost resistance

LAYING AND CLEANING RECOMMENDATIONS FOR CERAMICA RONDINE PRODUCTS

Introduction

Standard UNI EN 14411 – Ceramic tiles: Definition, Classification, Characteristics and Marking, defines and provides the marking terms, requirements and criteria for high quality ceramic tiles. Rondine S.p.A. continually tests all its tiles in accredited workshops, in accordance with the aforementioned standard. Moreover, internal quality control procedures are implemented on an ongoing basis.

Laying

Before laying at the site, the tiler should check the shade, size, and choice of material, whereas when laying the tiler should always use tiles from several boxes to obtain the ideal colour mix. The tiler should also check the product for any obvious flaws before laying, which would not be covered by the guarantee if pointed out after laying. The tiler should use adhesives which are suitable for the various types of use, and follow the instructions on the packaging. The surface to be tiled should be checked to ensure it is stable, dry and ready for tiling, and is not excessively hot or cold. The adhesive should be applied professionally such that there are no gaps between the tile and the surface. The tiler should be careful not to mark the material on the outer surface with pencils (graphite) or permanent markers, especially on products with smooth, glazed or lapped surfaces. Appropriate diamond tile cutters and special equipment should be used for the cutting and outlining operations requested by the Works Manager, especially with porcelain stoneware. The dimension of the tile joint may vary depending on the format used, orthogonal or diagonal laying angles, and final use. A minimum tile joint of 3 mm is recommended for non-rectified products and a minimum joint of 2 mm for rectified products. In large rooms expansion joints must be positioned with regularity, whereas in small rooms it is sufficient to leave a slight gap between the tiles and perimeter walls, which are then covered with skirting.

Grouting and cleaning after laying

Fillers or mortar coloured with pigments should only be used after carrying out an initial test. For porcelain stoneware surfaces which are smooth, glazed or lapped, mortar or fillers which are contrast coloured (white tiles and anthracite, red grouting etc.) cannot be used due to the microporosity caused by the abrasive action of the cutter during processing. With the use of cement surfacers after grouting the tiles, with the grout still fresh, any excess grout should be removed immediately with a sponge and plenty water. A few days after laying, clean thoroughly with buffered acids to completely remove and dissolve any residue. It is also important to rinse well until the wash water runs clean. Liquid extractors are useful for removing dirty wash water, which avoids moving it from one place to another. When work has been completed the tiler should wash the floors with a water and buffered acid solution, to avoid the insufficient or late removal of grout residue leaving marks which may be difficult to remove. Rondine recommends FILA Deterdek for this operation (follow the recommendations on the container for dilution percentages closely), which is an acid descaling agent that does not give off harmful fumes and combines the descaling action with effective cleaning. For special areas of application, if waterproof grouting is required, epoxy mortar can be used. Follow the manufacturer’s instructions on the packaging exactly and adhere to the procedures for use. When using these products, always consult expert, qualified tilers, as the incorrect application of epoxy mortars could irreversibly compromise the colour and appearance of the tiles. The use of detergents (anti-corrosive products) which contain hydrofluoric acid could permanently damage the surface of any type of tile. It should be noted that more than 90% of the problems which arise on site are due to incorrect, or even non-existent, washing after laying. Appropriate washing after laying removes laying residue (mortar, adhesive, various types of dirt from the work site) and any remaining surface dirt.

TECHNICAL FEATURES

	Chemical strength	UNI EN ISO 10545-13	Resistance to low concentrations of alkalis and acids Resistance to high concentrations of alkalis and acids Resistance to household chemical products and swimming pool additives
	Water Absorption	UNI EN ISO 10545-3	$\leq 0,5\%$
	Bending Strength	UNI EN ISO 10545-4	$N \geq 27N / mm^2$
	Frost resistance	UNI EN ISO 10545-12	No sample must show alterations to the surface
	Stain resistant	UNI EN ISO 10545-14	Class ≥ 3
	Hardness in Mohs degrees	UNI EN 101	$\geq 5^\circ$ Mohs
	Slip resistance (coefficient of friction)	DIN 51130 ASTM-C 1028	Satisfactory friction
	Abrasion resistance	Internal Classification System	Glazed tiles - Abrasion class from I to V

Le caratteristiche tecniche indicate nei cataloghi di linea e nel Catalogo Generale, e in qualsiasi documento di promozione commerciale di Rondine s.p.a., hanno lo scopo di dare un'indicazione dei valori riscontrati nei vari lotti e nelle varie tonalità del prodotto, pertanto differenze rispetto a tali valori indicativi non possono essere oggetto di contestazione.
All technical features stated in leaflets, in master brochure and in merchandising of Rondine Spa are meant to be an indication of an average of figures recorded within a span (determined by international law) in several production runs, therefore a slight discrepancy in quality figures of a certain batch in relation to these figures cannot be considered a production failure.
Les caractéristiques techniques mentionnées dans les catalogues de ligne et dans le catalogue général et dans tous les documents de promotion commerciale de Rondine SpA ont le but de fournir une indication des valeurs rencontrées dans les différents lots et dans les différentes tonalités du produit et donc les différences par rapport à ces valeurs indicatives ne peuvent pas faire l'objet des réclamations.



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