

 **BRICK**
GRES GENERATION

CRUDA BRICK

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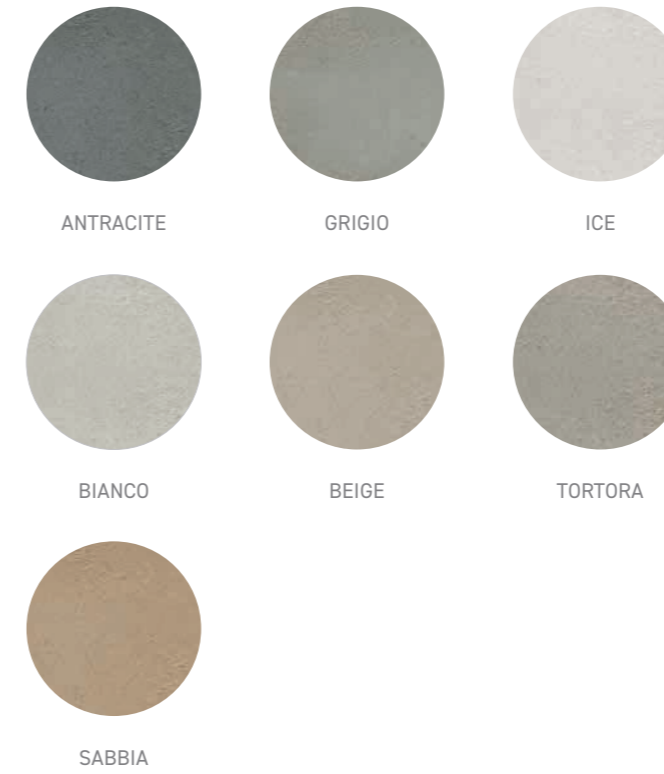
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CRUDA BRICK

Cruda, part of the Brick Generation collection, embodies the combination of ceramic tradition and modern design, ideal for designing cosy spaces that highlight the creativity of each interior design choice.

A delicate structure, with imperfect, undulating edges, expressing an **artisanal charm** capable of bringing any wall to life. The series includes **7 plain-coloured 4.8x20 tiles**: the shades are neutral and natural, recalling earth and clays, a tribute to Mother Nature. An **exquisite decoration** completes the series: an **engraved golden mark** that shines from the brick with its semi-matt finish.



GLAZED PORCELAIN STONEWARE

IN **OUT**

9,5 mm



4,8x20
2"x8"





the COLOURS

ANTRACITE

wall
Cruda Brick - Antracite 4,8x20



A refined style that lends exclusivity to the environment





wall
Cruda Brick - Antracite 4,8x20





A touch of refinement to embellish the contours of living
with shiny patterns



wall
Cruda Brick - Grigio 4,8x20
Cruda Brick - Geo Oro Grigio 4,8x20



wall
Cruda Brick - Grigio 4,8x20

Monochrome backgrounds and combinations of textured effects to build personalised, versatile spaces



wall
Cruda Brick - Ice 4,8x20





wall
Cruda Brick - Ice 4,8x20

ICE

B I A N C O



wall
Cruda Brick - Bianco 4,8x20
Cruda Brick - Geo Oro Bianco 4,8x20



Reproducing the hand-made effect of majolica, giving surfaces a touch of elegance and originality



HOT CHOCOLATE

ICE CREAM

MATCHA TEA

MILK

BUBBLE TEA

ESPRESSO



M
café

wall
Cruda Brick - Ice 4,8x20
Cruda - Affresco Beige 30 x60



BEIGE

wall
Cruda Brick - Beige 4,8x20



A perfect synergy between form and colour





wall
Cruda Brick - Beige 4,8x20

Top
Volcano - Taupe 120x280





The beauty of details for an aesthetic, sensory experience



wall
Cannè - Ecrù 60x120
Wall
Cruda Brick - Tortora 4,8x20

TORTORA



wall
Cruda Brick - Tortora 4,8x20
Cruda Brick - Geo Oro Tortora 4,8x20



wall
Cruda Brick - Sabbia 4,8x20

Versatile colours with an industrial feel that complement any furnishing style with ease



SABBIA



wall
Cruda Brick - Sabbia 4,8x20

antracite



J92612
4,8x20 (2"x8")

grigio



J92616
4,8x20 (2"x8")

beige



J92613
4,8x20 (2"x8")

tortora



J92617
4,8x20 (2"x8")

ice



J92847
4,8x20 (2"x8")

bianco



J92614
4,8x20 (2"x8")

sabbia



J92615
4,8x20 (2"x8")

geo oro



Antracite J92795
4,8x20 (2"x8")



Grigio J92799
4,8x20 (2"x8")



Ice J92850
4,8x20 (2"x8")



Bianco J92797
4,8x20 (2"x8")



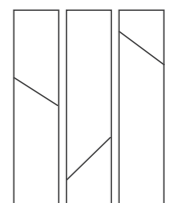
Beige J92796
4,8x20 (2"x8")



Tortora J92800
4,8x20 (2"x8")






Sabbia J92798
4,8x20 (2"x8")



3 different random patterns



wall
Cruda Brick - Sabbia 4,8x20

				
 ANTRACITE	J92612	J92795	J92618	J92624
 GRIGIO	J92616	J92799	J92622	J92628
 ICE	J92847	J92850	J92848	J92849
 BIANCO	J92614	J92797	J92620	J92626
 BEIGE	J92613	J92796	J92619	J92625
 TORTORA	J92617	J92800	J92623	J92629
 SABBIA	J92615	J92798	J92621	J92627
SPESSORE THICKNESS	9,5 mm	9,5 mm	9,5 mm	-
KG/M²	19,79	-	-	-
PZ/BOX	50	18	12	6
M²/BOX	0,48	-	-	-
BOX/PALLET	90	-	-	-
M²/PALLET	43,2	-	-	-
KG/PALLET	855	-	-	-
PRICE CODE	 M393	 P052	 P132	 P070

300 4,8x20












DIFFERENT PATTERNS

									
<0,3%	A · HA · LA	OK	>45 N/mm²	6	5	Classe IV	Classe V	Dcof: >0,42 Pendulum: Dry/Wet >36	

Technical Properties

Porcelain tiles.

ISO 13006 - G - BIa (E ≤ 0,5%) UNI EN 14411 - GL -

SPECIFICATION		TEST METHODS	FIXED VALUE			
	Dimensional characteristics			NAT	RET	LAP / RET
	Length and width		± 0,6 %	Compliant	Compliant	Compliant
	Thickness		± 5 %			
	Straightness of edges	ISO 10545-2	± 0,5 %			
	Rectangularity		± 0,5 %			
	Planarity (Curvature of centre - curvature of edge - warpage)		± 0,5 %			
	Surface quality		95% of tiles show no visible defects			
	Water absorption	ISO 10545-3	$E_w \leq 0,5 \%$			
	Breaking modulus		min. 35 N/mm ²	Compliant		
	Modulus of rupture	ISO 10545-4	Thickness $\geq 7,5$ mm: MIN. 1300 N $< 7,5$ mm: MIN. 700 N	Compliant		
	Resistance to surface abrasion of glazed tiles	ISO 10545-7	CLASSI 0-5	As declared		
	Thermal expansion coefficient	ISO 10545-8	Available on request	$\leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$		
	Crazing resistance	ISO 10545-11	Always tested	Resistant		
	Thermal shock resistance	ISO 10545-9	Available on request	Resistant		
	Frost resistance	ISO 10545-12	Always tested	Resistant		
	Household chemicals and swimming pool water cleansers		Available on request	Compliant		
	Acids and low concentration alkalis	ISO 10545-13	As declared by the manufacturer	Resistant		
	Acids and high concentration alkalis		Available on request	Resistant		
	Stain resistance	ISO 10545-14	CLASSE 3 MIN.	Resistant		
	Colour stability to light	DIN 51094	They do not have to show visible colour alteration	Compliant		
	Friction coefficient (Slip risk)	ENI6165 ANNEX B (DIN 51130) ENI6165 ANNEX A (DIN 51097) D.M. 236/89 B.C.R. ANSI A 326.3:2021	If needed	Available on request		

INSTALLATION AND CLEANING TIPS FOR CERAMIC TILES

Foreword

The UNI EN 14411 standard - "Ceramic tiles - definition, classification, characteristics and marking" - aims to define and provide the terms, requirements and marking criteria for first choice ceramic tiles. Italcers S.p.A. SB constantly performs all the tests required by the above-mentioned standard on their tiles, using accredited laboratories. In addition, internal procedures for product quality control are constantly implemented.

Installation

The installers on site before installation must check the shade, size and choice of material, while during installation they must always take material from several boxes to achieve an ideal colour mix. They must also check the adequacy of the product for any defects already evident before installation, for which guarantees are excluded if they are reported after installation.

The installers must use adhesives suitable for the various intended uses and follow the manufacturer's instructions on the packaging. They must carefully check that the substrate is stable, dry and cured, not frozen and not excessively hot. The adhesive must be applied perfectly so that no gaps are created between tile and substrate.

The installers, especially for products with polished, satin-finished or lapped surfaces, must pay attention not to mark the material on the surface of use with pencils (graphite) or indelible markers. In order to carry out the cutting and shaping required by the works management, they must use special diamond discs and special tools, especially for porcelain stoneware.

The size of the joint between tiles may vary depending on the size being used, the angle of the installation at right angles or diagonally, and the intended use. We recommend a minimum joint of 3 mm for non-ground products and a minimum joint of 2 mm for ground products. In case of continuous installation of rectangular sizes, the tile must be staggered by 6 cm and never more than 10 cm (Fig. 1).

In large rooms it is necessary to place expansion joints regularly, while in small rooms it is sufficient to leave a slight clearance between tiled surface and perimeter walls, which is then covered by the skirting board.

Grouting and cleaning after installation

The use of pigment-coloured grouts or fillers must be done after a preliminary test.

For polished, satin-finished or lapped porcelain stoneware surfaces, due to the microporosity caused by the abrasive action of the grinding wheels during processing, contrasting coloured grouts or fillers (white tiles and anthracite, red grout, etc.) cannot be used.

When using cement grout, after grouting the tiles, while the grout is still fresh, any excess must be removed immediately and thoroughly with a sponge and plenty of water. Three to four days after installation, but no later than 10 days, carry out background cleaning using buffered acids in order to dissolve and completely remove all building site residues.

It is equally important to rinse well until the washing water is clear. It is useful using liquid aspirators to remove dirty washing water and avoid moving it from one part to another. Even at the completion of the construction site, the installers must wash the floors with a solution of water and buffered acid to prevent inadequate or delayed removal of residues of the grout used for the joints from leaving halos that are difficult to remove.

Recommended detergents:

Keranet. MAPEI
Detrerdek. FILA
Deltaplus. Kerakoll
Solvacid. Geal
Cement remover. Faber Chimica

Follow the precise manufacturer's instructions on the packaging and strictly comply with the instructions for use. Always consult experienced installers when using these products.

When using epoxy grouts, washing should be carried out as quickly as possible with alkaline detergents.

Recommended detergents:

Kerapoxy cleaner. Mapei
PS 87. Fila
Keragell eco. Kerakoll
Eposolu. Geal
Wax remover. Faber Chimica

The use of cleaning products (such as rust inhibitors) that often contain hydrofluoric acid would permanently damage the surface of any type of tile.

It is also good to know that more than 90 per cent of site complaints are due to poor, or even non-existent, washing after installation.

Correct washing after installation removes laying residues (mortar, adhesive, paint, building site dirt of various kinds) and removes any surface dirt.

Routine maintenance

We recommend daily cleaning with a neutral detergent. Strictly adhere to the dilution percentages recommended on the bottle.

For more information on ceramic cleaning products, we recommend the following sites:

FILA INDUSTRIA CHIMICA www.filasolutions.com
KERAKOLL www.kerakoll.com
MAPEI www.mapei.it
GEAL www.geal-chim.it
ABER www.faberchimica.com
BONASYSTEM www.bonasytemitalia.it

Variation index



Tiles with uniform appearance



Tiles with slight shade and graphic variation



Tiles with moderate shade and graphic variation



Tiles with huge variation of shade and graphic

Legend



Tiles specifically used for floors



Tiles specifically used for wall coverings



Tiles for dwelling houses



Tiles especially suitable for outdoor applications



Tiles suitable for low traffic public and commercial areas



Tiles suitable for heavy traffic public and commercial areas

For flooring and wall cladding using formats with sides of over 60 cm, **Ceramica Rondine** recommends the use of Raimondi levelling spacers: **Levelling System** and **AndalSystem** which make it easy for you to:

- Ensure that the laid surface is entirely flat
- Maintain the desired position for each tile
- Reduce laying time

Levelling spacers for tiles enable you to create level flooring in a quick and easy way.
Take a look at the video on the *Ceramica Rondine* Youtube channel: www.youtube.com/user/RondineGroup

NO 50%

YES

When laying, you are recommended not to stagger the rectangular tiles by more than 6-10 cm (2"-4")
Suggested joint: 3 mm minimum for non-rectified products; 2 mm minimum for rectified products.

QUANTUM

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0800 525 585
hello@qcg.co.nz

Palmerston North Design Studio
20 Kaimanawa Street, Kelvin Grove

Auckland Design Studio
497 Great South Road, Penrose

www.qcg.nz

