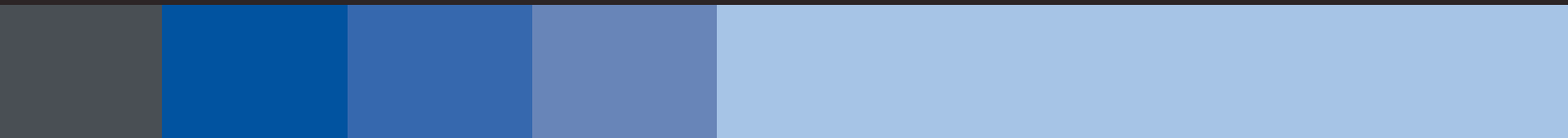
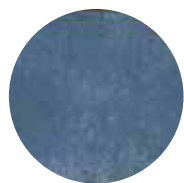


GRAFFITI

TECHNICAL DATA



Graffiti



BLUE



SKY



CHARCOAL



LIGHT GREY



WHITE



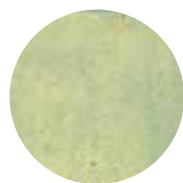
IVORY



BEIGE



RED



ACQUAMARINE



GREEN



GRES PORCELLANATO SMALTATO
GLAZED PORCELAIN STONEWARE

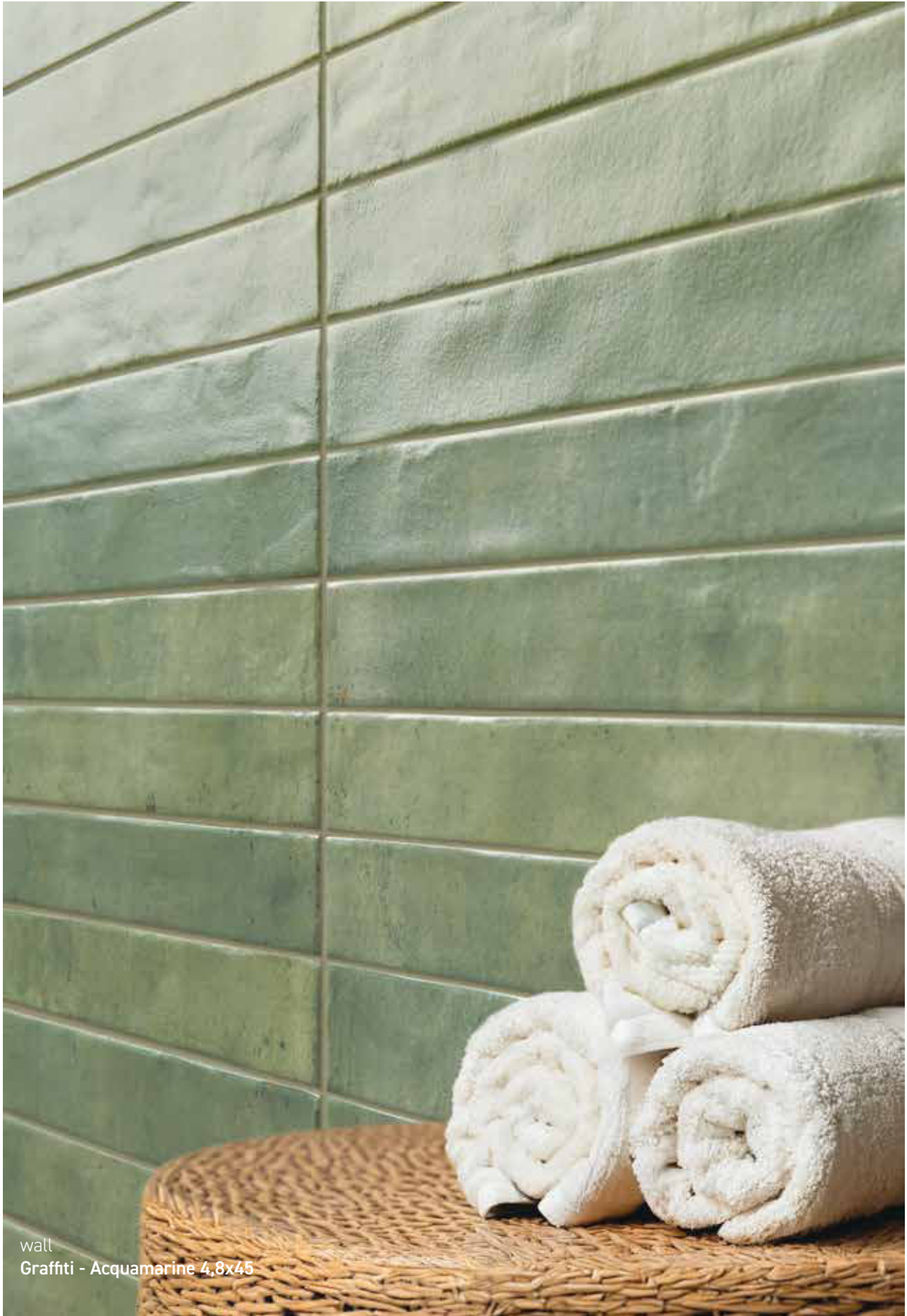


9,5 mm

4,8x45
2"x18"



wall
Graffiti - Acquamarine 4.8x45



wall
Graffiti - Acquamarine 4,8x45



wall
Graffiti - Sky 4,8x45

floor
Cortina - Ecrù 24x120

blue



J92632
4,8x45 (2"x18")

sky



J92638
4,8x45 (2"x18")

charcoal



J92633
4,8x45 (2"x18")

light grey



J92636
4,8x45 (2"x18")

white



J92639
4,8x45 (2"x18")

ivory



J92635
4,8x45 (2"x18")

beige



J92631
4,8x45 (2"x18")

red



J92637
4,8x45 (2"x18")

acquamarine



J92630
4,8x45 (2"x18")















green



J92634
4,8x45 (2"x18")



wall
Graffiti - Blue 4,8x45

			
	4,8x45 (2"x18")	Angolo Incollato 10x35x4,8 (4 3/4"x10"x2")	Quarter Round 1,4x45 (1/8"x18")
 BLUE	J92632	J92642	J92652
 SKY	J92638	J92648	J92658
 CHARCOAL	J92633	J92643	J92653
 LIGHT GREY	J92636	J92646	J92656
 WHITE	J92639	J92649	J92659
 IVORY	J92635	J92645	J92655
 BEIGE	J92631	J92641	J92651
 RED	J92637	J92647	J92657
 ACQUAMARINE	J92630	J92640	J92650
 GREEN	J92634	J92644	J92654
SPESSORE THICKNESS	9,5 mm	9,5 mm	-
KG/M²	18,84	-	-
PZ/BOX	32	12	6
M²/BOX	0,69	-	-
BOX/PALLET	66	-	-
M²/PALLET	45,54	-	-
KG/PALLET	858	-	-
PRICE CODE	■ M421	● P132	● P100
 PRICE CODE RED	■ M465		

Contributo spese imballo € 20,00/pal (netto) - Packing charges € 20,00/pal (net)

70_{4,8x45}

GRAFICHE DIVERSE
DIFFERENT PATTERNS
DIFFÉRENTS MOTIFS
VERSCHIEDENE MUSTER



< 0,2%



A • HA • LA



OK



>45 N/mm²



5



5

Red, Green, Blue
Beige, Charcoal,
Acquamarine, Sky



Classe IV

White,
Light Grey,
Ivory



Classe V



Dcof: > 0,42
Pendulum:
Dry > 36 • Wet 25 < x < 35



Caratteristiche Tecniche Technical Properties

GRES PORCELLANATO

Porcelain tiles.

Grès cérame.

Feinsteinzeug

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

	CARATTERISTICA SPECIFICATION CARACTERISTIQUE EIGENSCHAFT	METODO DI PROVA TEST METHODS METHODE D'ESSAI TESTVERFAHREN	VALORE PRESCRITTO GRES PORCELLANATO FIXED VALUE VALEUR PRESCRITE VORGESCHRIEBENER WERT			
	Caratteristiche dimensionali Dimensional characteristics Dimensions Dimensionale Eigenschaften			NAT	RET	LAP / RET
	Lunghezza e larghezza Length and width Longuer et largeu Länge und Breite		± 0,6 %			
	Spessore Thickness Epaisseur Stärke		± 5 %			
	Rettilineità degli spigoli Straightness of edges Rectitude des bords Rechteckigkeit der Ecken	ISO 10545-2	± 0,5 %	Conforme Compliant	Conforme Compliant	Conforme Compliant
	Ortogonalità Rectangularity Orthogonalite Rechtwinkligkeit		± 0,5 %	Conforme Erfüllt	Conforme Erfüllt	Conforme Erfüllt
	Planarità (Curvatura del centro - curvatura dello spigolo - svergolamento) Planarity (Curvature of centre - curvature of edge - warpage) Planarité (Courbure du centre - courbure de l'arête - gauchissement) Ebenheit (Krümmung der Mitte - Krümmung der Kante - Verdrehung)		± 0,5 %			
	Qualità della superficie Surface quality Qualité de la surface Qualität der Oberfläche		95% delle piastrelle esente da difetti visibili 95% of tiles show no visible defects 95% des carreaux sont dépourvus de défauts visibles 95% der Fliesen sind frei von sichtbaren Fehlern			
	Assorbimento d'acqua Water absorbtion Absorption d'eau Wasseraufnahme	ISO 10545-3	$E_b \leq 0,5 \%$		Conforme Compliant	Conforme Erfüllt
	Resistenza alla flessione Breaking modulus Resistance a la flexion Biegefestigkeit	ISO 10545-4	min. 35 N/mm ²		Conforme Compliant	Conforme Erfüllt
	Sforzi di rottura Modulus of rupture Charge de rupture Bruchlast		Spessore Thickness Epaisseur Stärke	> 7,5 mm: MIN. 1300 N < 7,5 mm: MIN. 700 N	Conforme Compliant	Conforme Erfüllt
	Resistenza alla abrasione della superficie di piastrelle smaltate Resistance to surface abrasion of glazed tiles Résistance à l'abrasion de la surface des carreaux émaillés Widerstand gegen abrieb der Oberfläche der glasierten Fliesen	ISO 10545-7	CLASSI 0-5		Secondo quanto dichiarato As declared Uivant les déclarations Gemäß den Angaben	
	Coefficiente di dilatazione termica lineare Thermal expansion coefficient Coefficient de dilatation thermique Warmeausdehnungskoeffizient	ISO 10545-8	Metodo disponibile Available on request Methode disponible Verfügbares verfahren		$\leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	
	Resistenza al cavillo Crazing resistance Resistance aux traillures Haarriße	ISO 10545-11	Richiesta Always tested Exigee Notwendig		Resistenti Resistant Résistants Widerstandsfähig	
	Resistenza agli sbalzi termici Thermal shock resistance Resistance aux écarts de temperature Temperaturwechselbeständigkeit	ISO 10545-9	Metodo disponibile Available on request Methode disponible Verfügbares verfahren		Resistenti Resistant Résistants Widerstandsfähig	
	Resistenza al gelo Frost resistance Resistance au gel Frostbeständigkeit	ISO 10545-12	Richiesta Always tested Exigee Notwendig		Resistenti Resistant Résistants Widerstandsfähig	
	Prodotti chimici ad uso domestico ed additivi per piscina Household chemicals and swimming pool water cleansers Produits chimiques courants et additifs pour piscine Chem.Produkte für den Haushaltsgebrauch und Zusatz für Schwimmbäder		Metodo disponibile Available on request Methode disponible Verfügbares verfahren		Conforme Compliant	Conforme Erfüllt
	Acidi ed alcali a bassa concentrazione Acids and low concentration alkalis Acides et alcali a faible concentration Säuren und Alkali in geringer konzentration	ISO 10545-13	Come dichiarato dal produttore As declared by the manufacturer Comme le déclare le producteur Wie vom hersteller erklärt		Resistenti Resistant Résistants Widerstandsfähig	
	Acidi ed alcali ad alta concentrazione . Acids and high concentration alkalis Acides et alcali a forte concentration . Säuren und Alkali in hoher konzentration		Metodo disponibile Available on request Methode disponible Verfügbares verfahren		Resistenti Resistant Résistants Widerstandsfähig	
	Resistenza alle macchie Stain resistance Resistance aux taches Fleckbeständigkeit	ISO 10545-14	CLASSE 3 MIN.		Resistenti Resistant Résistants Widerstandsfähig	
	Stabilità dei colori alla luce Colour stability to light Stabilité des couleurs a la lumiere Lichtechtheit der Farben	DIN 51094	Non devono presentare apprezzabili Variazioni di colore They do not have to show visible colour alteration Pas de modifications sensibles de couleur Weisen keine sichtbaren farbabweichungen auf		Conforme Compliant	Conforme Erfüllt
	Coefficiente di attrito (Scivolosità) Friction coefficient (Slip risk) Coefficient de frottement (Glissance) Reibungskoeffizient (Glätte)	ENI6165 ANNEX B (DIN 51130) ENI6165 ANNEX A (DIN 51097) D.M. 236/89 B.C.R. ANSI A 326.3:2021	Dove richiesto If needed Si demande Nach anforderung		A richiesta Available on request Sur demande Auf Anfrage	

Caratteristiche Tecniche Technical Properties

GRES PORCELLANATO COLORATO IN MASSA

Colored body porcelain stoneware

Grès cérame coloré dans la masse

Eingefärbtes Feinsteinzeug

ISO 13006 - G - Bla (E ≤ 0,5%) UNI EN 14411 - UGL -

CARATTERISTICA SPECIFICATION CARACTERISTIQUE EIGENSCHAFT		METODO DI PROVA TEST METHODS METHODE D'ESSAI TESTVERFAHREN	VALORE PRESCRITTO GRES PORCELLANATO COLORATO IN MASSA FIXED VALUE VALEUR PRESCRITE VORGESCHRIEBENER WERT				
	Caratteristiche dimensionali Dimensional characteristics Dimensions Dimensionale eigenschaften	ISO 10545-2		NAT	RET	LAP / RET	
	Lunghezza e larghezza Length and width Longuer et largeur Länge und breite		± 0,6 %				
	Spessore Thickness Epaisseur Stärke		± 5 %				
	Rettilinearità degli spigoli Straightness of edges Rectitude des bords Rechteckigkeit der ecken		± 0,5 %	Conforme Compliant	Conforme Compliant	Conforme Compliant	
	Ortogonalità Rectangularity Orthogonalite Rechtwinkligkeit		± 0,5 %	Conforme Erfüllt	Conforme Erfüllt	Conforme Erfüllt	
	Planarità (Curvatura del centro - curvatura dello spigolo - svergolamento) Planarity (Curvature of centre - curvature of edge - warpage) Planarite (Courbure du centre - courbure de l'arête - gauchissement) Ebenheit (Krümmung der Mitte - Krümmung der Kante - Verdrehung)		± 0,5 %				
Qualità della superficie Surface quality Qualité de la surface Qualität der Oberfläche		95% delle piastrelle esente da difetti visibili 95% of tiles show no visible defects 95% des carreaux sont dépourvus de défauts visibles 95% der Fliesen sind frei von sichtbaren Fehlern					
	Assorbimento d'acqua Water absorbtion Absortion d'eau Wasseraufnahme	ISO 10545-3	≤ 0,5 %			Conforme Compliant Conforme Erfüllt	
	Resistenza alla flessione Breaking modulus Resistance a la flexion Biegefestigkeit	ISO 10545-4	35 N/mm ²			Conforme Compliant Conforme Erfüllt	
	Sforzo di rottura Modulus of rupture Charge de rupture Bruchlast		Spessore Thickness Epaisseur Stärke	≥ 7,5 mm: MIN. 1300 N < 7,5 mm: MIN. 700 N			Conforme Compliant Conforme Erfüllt
	Determinazione della resistenza a flessione e carico di rottura Determination of breaking modulus and modulus of rupture Détermination de la résistance à la flexion et à la charge de rupture Bestimmung der Biegefestigkeit und der Bruchlastbeständigkeit	UNI EN 1339:2005 / COR. 2011 ANNEX F	Spessore Thickness Epaisseur Stärke	20 mm	Spessore Thickness Epaisseur Stärke	20 mm	CLASSE U11
	Resistenza alla abrasione della superficie di piastrelle smaltate Resistance to surface abrasion of glazed tiles Résistance à l'abrasion de la surface des carreaux émaillés Widerstand gegen abrieb der Oberfläche der glasierten Fliesen	ISO 10545-6	≤ 175 mm ³			Conforme Compliant Conforme Erfüllt	
	Coefficiente di dilatazione termica lineare Thermal expansion coefficient Coefficient de dilatation thermique lineaire Wärmeausdehnungskoeffizient	ISO 10545-8	Metodo disponibile Available on request Methode disponible Verfügbares verfahren			≤ 7x10 ⁻⁶ °C ⁻¹	
	Resistenza agli sbalzi termici Thermal shock resistance Resistance aux ecartis de temperature Temperaturwechselbeständigkeit	ISO 10545-9	Metodo disponibile Available on request Methode disponible Verfügbares verfahren			Resistenti Resistant Résistants Widerstandsfahig	
	Resistenza al gelo Frost resistance Resistance au gel Frostbeständigkeit	ISO 10545-12	Richiesta Always tested Exigee Notwendig			Resistenti Resistant Résistants Widerstandsfahig	
	Prodotti chimici ad uso domestico ed additivi per piscina Household chemicals and swimming pool water cleansers Produits chimiques courants et additifs pour piscine Chem.Produkte für den Haushaltsgebrauch und Zusatz für Schwimmbäder	ISO 10545-13	MIN. UB			UA	
	Acidi ed alcali a bassa concentrazione Acids and low concentration alkalis Acides et alcali a faible concentration Säuren und Alkali in geringer konzentration		Come dichiarato dal produttore As declared by the manufacturer Comme le déclare le producteur Wie vom hersteller erklärt			Resistenti Resistant Résistants Widerstandsfahig	
	Acidi ed alcali ad alta concentrazione . Acids and high concentration alkalis Acides et alcali a forte concentration . Säuren und Alkali in hoher konzentration		Metodo disponibile Available on request Methode disponible Verfügbares verfahren			Resistenti Resistant Résistants Widerstandsfahig	
	Resistenza alle macchie Stain resistance Resistance aux taches Fleckbeständigkeit	ISO 10545-14	Metodo disponibile Available on request Methode disponible Verfügbares verfahren			Resistenti Resistant Résistants Widerstandsfahig	
	Stabilità dei colori alla luce Colour stability to light Stabilité des couleurs a la lumiere Lichtechtheit der Farben	DIN 51094	Non devono presentare apprezzabili variazioni di colore They do not have to show visible colour alteration Pas de modifications sensibles de couleur Weisen keine sichtbaren farbabweichungen auf			Conforme Compliant Conforme Erfüllt	
	Coefficiente di attrito (Scivolosità) Friction coefficient (Slip risk) Coefficient de frottement (Glissance) Reibungskoeffizient (Glätte)	ENI6165 ANNEX B (DIN 51130) ENI6165 ANNEX A (DIN 51097) D.M. 236/89 B.C.R. ANSI A 326.3:2021	Dove richiesto If needed Si demande Nach anforderung			A richiesta Available on request Sur demande Auf Anfrage	










PASTA BIANCA - RIVESTIMENTO

White body - Wall tiles

Pâte blanche - pour revêtement

Weißscherbisig - Für wanderbelag

UNI EN 14411 - ISO 13006 B III - GL -

CARATTERISTICA SPECIFICATION CARACTERISTIQUE EIGENSCHAFT	METODO DI PROVA TEST METHODS METHODE D'ESSAI TESTVERFAHREN	VALORE PRESCRITTO FIXED VALUE VALEUR PRESCRITE VORGESCHRIEBENER WERT	UNITÀ DI MISURA UNIT OF MEASUREMENT UNITÉ DE MESURE MASSEINHEIT	
 Dimensione lati Dimensions - length and width Dimensions - longueur et largeur Länge und breite	UNI EN ISO 10545-2	± 0,5	%	
Rettilinearità dei lati Sides' straightness Rectitude des côtes Geradlinigkeit der kanten		± 0,3	%	
Ortogonalità dei lati Sides' rectangularity Octogonalité des côtes Rechtwinkligkeit der kanten		± 0,5	%	
Planarità Flatness Planeitude Ebenflächigkeit		± 0,5	%	
Spessore Thickness Epaisseur Stärke		± 10	%	
 Assorbimento d'acqua Water absorption Absorption d'eau Wasseraufnahme	UNI EN ISO 10545-3	> 10	%	Conforme Compliant Conforme Erfüllt
 Sforzo di rottura Modulus of rupture Charge de rupture Bruchlast	UNI EN ISO 10545-4	≥ 600 SE SPESS ≥ 7,5 mm ≥ 200 SE SPESS < 7,5 mm	N	Conforme Compliant Conforme Erfüllt
Resistenza alla flessione Breaking modulus Resistance a la flexion Biegefestigkeit		≥ 15 SE SPESS < 7,5 mm ≥ 12 SE SPESS ≥ 7,5 mm	N/mm ²	Conforme Compliant Conforme Erfüllt
 Coefficiente di dilatazione termica lineare Thermal expansion coefficient Coefficient de dilatation thermique lineaire Warmeausdehnungskoeffizient	UNI EN ISO 10545-8	Metodo disponibile Available on request Methode disponible Verfügbares verfahren	° MK (-1)	7,00
 Resistenza agli sbalzi termici Thermal shock resistance Resistance aux ecart de temperature . Temperaturwechselbeständigkeit	UNI EN ISO 10545-9	Metodo disponibile Available on request Methode disponible Verfügbares verfahren		Resistenti Resistant Résistants Widerstandsfähig
 Resistenza al cavillo Crazing resistant Résistance aux tréssailures Haarrisse	UNI EN ISO 10545-11	Richiesta Always tested Exigee Notwendig		Resistenti Resistant Résistants Widerstandsfähig
 Resistenza alle macchie Stain resistance Résistance aux taches Fleckbeständigkeit	UNI EN ISO 10545-14	3 MIN		4-5
 Resistenza all'attacco chimico Chemical resistance Résistance aux produits chimique Beständigizit gebien chemikalien	UNI EN ISO 10545-13	GBMIN		Conforme Compliant Conforme Erfüllt
Resistenza agli acidi e alle basi a bassa concentrazione Resistant to acid and low concentration bases Resistance aux acides et aux bases à faible concentration Widerstandsfähigkeit gegenüber niedrig konzentrierten säuren und laugen		Metodo disponibile Available on request Methode disponible Verfügbares verfahren		≥ GLB
 Resistenza all'abrasione Resistance to abrasion Résistance à l'abrasion Beständigkeit gegen oberflächenverschleiss	UNI EN ISO 10545-7	Classe 1-5 class 1-5 Classe 1-5 klasse 1-5		2-5

Legenda Legend



PREZZO AL MQ
Sqm price
Prix au m2
Preis pro Qm



PREZZO AL PEZZO
Price per piece
Prix à la pièce
Preis pro Stück



PREZZO AL METRO LINEARE
Linear meter price
Prix à mètre linéaire
Preis pro ml



PREZZO A COMPOSIZIONE
Price per composition
Prix à composition
Preis pro komposition



Piastrelle indicate per pavimenti
Tiles specifically used for floors
Carreaux pour carrelages de sol
Bodenfliesen



Piastrelle indicate per rivestimenti interni
Tiles specifically used for wall coverings
Carreaux pour faïences
Wandfliesen für den Innenbereich



Piastrelle indicate per abitazioni residenziali
Tiles for dwelling houses
Carreaux pour habitations résidentielles
Fliesen für den Wohnbereich



Piastrelle particolarmente indicate per l'esterno
Tiles especially suitable for outdoor applications
Carreaux particulièrement indiqués pour application à l'extérieur
Besonders für Aussenbereiche geeignete Fliesen



Piastrelle indicate per luoghi pubblici a traffico leggero
Tiles suitable for low traffic public and commercial areas
Carreaux recommandés pour lieux publics et commerciaux à piétinement léger
Für Bodenbeläge in Bereichen mit gewöhnlicher Begehungsfrequenz und Schleifschmutz



Piastrelle indicate per luoghi pubblici a traffico pesante
Tiles suitable for heavy traffic public and commercial areas
Carreaux recommandés pour lieux publics et commerciaux à piétinement lourd
Fliesen für Bereiche, die starker Begehung ausgesetzt sind



*** Produzione Speciale: questi articoli necessitano di una quantità minima e sono prodotti in 3/4 settimane.**
Special Production: a minimum quantity is required for the order of special trims on request, pieces will be produced in 3/4 weeks.
Production Spéciale: les pièces spéciales sur demande comportent une qualité minimum obligatoire, elles sont produites dans un délai de 3/4 semaines.
Sonderfertigung: die nach Wunsch gefertigten Formteile benötigen eine Mindestqualität und werden in 3-4 Wochen.

*** Tutti i pezzi speciali e decori sono acquistabili solo a confezioni intere**

All special trims and decors can be purchased as a whole - Achat des pièces spéciales seulement par boîtes complètes - Las piezas especiales y las decoraciones podrán adquirirse sólo en cajas enteras - Formstücke und Dekore werden nur in vollen Kartons geliefert

*** Tutti i pezzi speciali vengono fatti su richiesta dei clienti per garantire l'abbinabilità con i fondi e di conseguenza cancellazioni di ordini dopo la messa in lavorazione porteranno all'addebito al cliente dell'intero ammontare dell'ordine**

All special pieces are made upon customer's request, in order to be sure they combine with the back tiles. Therefore, all orders cancelled once the material is already produced will be fully invoiced to the customer - Toutes les pièces spéciales sont réalisées sur demande des clients, pour assurer qu'elles se combinent avec les carreaux du fond. Par conséquent, les annulations de commandes après la mise en place de la production, entraîneront la facturation du montant total de la commande directement au client - Alle Sonderstücke werden auf Kundenwunsch anfertigt, um sicher zu sein, dass sie sich mit den Rückfliesen kombinieren lassen. Daher werden alle Bestellungen, die nach der Produktion des Materials storniert werden, dem Kunden vollständig in Rechnung gestellt

Indice di variazione Variation index



Piastrella uniforme
Tiles with uniform appearance
Carreaux avec une apparence uniforme
Einheitliche fliese



Piastrella con leggera variazione di tono e grafica
Tiles with slight shade and graphic variation
Carreaux avec faible différence de nuance et structure
Fliese mit einer leichten Abänderung des tons und grafik



Piastrella con discreta variazione di tono e grafica
Tiles with moderate shade and graphic variation
Carreaux avec moderate différence de nuance et structure
Fliese mit einer moderat Abänderung des tons und grafik



Piastrella con notevole variazione di tono e grafica
Tiles with huge variation of shade and graphic
Carreaux avec une considerable difference de nuance et structure
Fliese mit einer beträchtlich Abänderung des tons und der grafik.

Installation and Cleaning tips for Rondine 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. 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

PER TUTTE LE ALTRE INFORMAZIONI TECNICHE GUARDARE ALL'INTERNO DEL CATALOGO GENERALE 2023 OPPURE SUL SITO INTERNET WWW.CERAMICARONDINE.IT

FOR ALL OTHER TECHNICAL INFORMATION, LOOK IN THE GENERAL CATALOG 2023 OR ON THE WEBSITE WWW.CERAMICARONDINE.IT

General sales conditions

Italcer S.p.A. reserves the right to change the information and technical specifications contained in this catalogue ("Catalogue") and on the website at any time (including all downloadable documents and catalogues) which are not considered legally binding. Weights, colours and measurements may vary due to the ceramic production process. The colours and aesthetic characteristics of products are as near as possible to actual colours and characteristics, within the limits of the virtual reproduction process. Italcer S.p.A. deems the information and technical specifications contained in this Catalogue to be correct and accurate; notwithstanding the presence of material errors is not excluded and the purchasers ("Purchasers") are invited to verify the information and technical specifications with their agents and area managers.

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1. PRODUCT AND WARRANTY:

- The high temperatures used to fire ceramic stoneware can cause differences in shade and work size. Variations in the dimensions indicated shall therefore be accepted by the Purchaser, provided they are within the limits set by the UNI-EN-ISO 14411 standards.
- Italcer S.p.A. guarantees that products are compliant with current UNI-EN-ISO 14411 standards. This warranty applies to best-quality materials only; second- and third-class materials and one-off batches shall be sold "as seen and accepted" and may not be the object of claims.
- The colouring of the sample materials presented is to be considered merely indicative. Any variations in colour or shade are due to the particular nature of the material, the characteristics of the production cycle and the raw materials used. It is therefore advisable to mix the tiles by taking them from different boxes, and separate them with a joint when laying.
- Decorations and special trims are supplied in a different shade from the base tiles.
- Italcer S.p.A. shall be held responsible only for the smoothing and polishing processes carried out in its own factories.
- The warranty covers only the replacement of material found to be faulty, before laying. No other claims will be taken into consideration.

2. ORDERS:

- All orders transmitted to Italcer S.p.A. by the Purchaser, by the sales agents or similar shall be deemed to have been accepted, subject to approval on the part of the management of Italcer S.p.A.
- All orders, including verbal orders, provided there are no written agreements to the contrary, shall be presumed to have been accepted by Italcer S.p.A. under the general sales conditions herein, without the need to expressly make reference to such conditions. Provided there are no precise written agreements to the contrary, the Purchaser is presumed to have accepted the general and specific sales conditions in full.

3. PRICES:

- Prices are quoted EXW, exclusive of VAT.
- EURO type pallets will be charged at a cost of €10.00 each, in the event that the purchaser fails to provide their own for loading.

4. DELIVERY:

- The delivery terms arranged with Italcer S.p.A. are to be considered merely indicative. In the event of force majeure, Italcer S.p.A. may terminate the sales contract, either completely or partially.
- Delays in delivery do not entitle the Purchaser to terminate the contract, or to claim for any direct or indirect damages deriving from delay.
- Goods travel at the risk and responsibility of the Purchaser at all times. Goods are understood to be bought by the Purchaser EXW, even if the price is carriage paid. Italcer S.p.A.'s responsibility ends when the goods have been loaded, and Italcer S.p.A. may not be held responsible for any breakages, tampering or pilfering.
- When goods ready for delivery remain at Italcer S.p.A.'s premises at the request of the Purchaser, the invoice shall be issued as if delivery had already taken place, and the materials shall be held in the warehouse at the risk, responsibility and expense of the Purchaser.

5. PAYMENT:

- Payments must be made directly to Italcer S.p.A. at its headquarters in Rubiera (Reggio Emilia). The goods shall remain the property of Italcer S.p.A. until the price agreed upon has been paid in full.
- In the event of a delay in payment of an invoice or part thereof, Italcer S.p.A., all other rights reserved, shall be entitled to: place any further deliveries on hold, even in the event that such deliveries are due depending on other contracts; to draw a bill of exchange for the amount of the invoices overdue, and to demand full, immediate payment for all the material ordered, or to have such payment guaranteed by alternative means.
- In the event of delays in payment, interests and bank charges will be charged to the Purchaser at the rates applicable for the period corresponding to the delay. For all and any matters not expressly provided for in the clauses above, the Italian laws and current commercial practice shall apply.

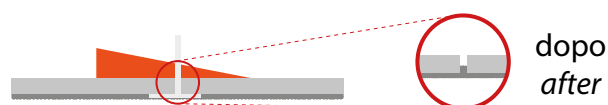
6. CLAIMS:

- Claims will not be accepted for materials that have already been laid. Claims for faults and defects must be reported within the terms provided for by law. For all claims accepted, the Purchaser must return the material concerned, which will be replaced by Italcer S.p.A. with an equivalent supply. Where such equivalent materials have been supplied, the Purchaser is not entitled to request the termination of the contract, nor the reduction in price or the compensation of damages of any kind.
- Any claims made do not entitle the Purchaser to suspend or refuse payment of the invoices. Payments due must be regularly made in full and in accordance with the terms agreed.
- Returns will not be accepted without the written authorization of the manufacturer.

7. COMPETENT COURT:

For any disputes that may arise, the competent court is that of Reggio Emilia (Italy). As an exception to the above, Italcer S.p.A. reserves the right, for disputes related to credit recovery, to bring action before the competent court of the place where the Purchaser has its registered seat; in such case the Laws of such local court shall apply.

Laying recommendations



Per il rivestimento di pavimenti e pareti mediante formati con lato superiore a 60 cm, Ceramica Rondine raccomanda di affidarsi al distanziatore livellante proposto da Raimondi: Levelling System e AndalSystem che consente facilmente di:

- Rendere perfettamente planare la superficie posata
- Mantenere la posizione desiderata di ogni piastrella
- Ridurre i tempi di posa

I distanziatori livellanti per piastrelle, rappresentano un sistema che permette di ottenere pavimenti livellati con semplicità e rapidità.

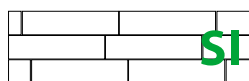
Guarda il video dimostrativo sul canale Youtube di Ceramica Rondine: www.youtube.com/user/RondineGroup

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



Per i formati rettangolari, si consiglia una sfalsatura tra ciascuna piastrella non superiore a 10-15 cm.
Fuga consigliata: minimo 3 mm. per prodotti non rettificati; minimo 2 mm. per prodotti rettificati.

When laying, you are recommended not to stagger the rectangular tiles by more than 10-15 cm (4"-6").
Suggested joint: 3 mm minimum for non-rectified products; 2 mm minimum for rectified products.



Quotations, Samples + Information

Freephone: 0800 021 4835

Email: info@ctdarchitecturaltiles.co.uk

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