



GCR Technology

**A SURFACE
WORTH TWO**
**UNA SUPERFICIE
CHE VALE PER DUE**





↔CROSS

**A single multi-specific surface
for indoor and outdoor use, representing
a new development in ceramics.**

**Un'unica superficie multi-specifica, inedita
nel settore ceramico, perfettamente utilizzabile per
rivestimenti a terra o a parete da interno o da esterno.**

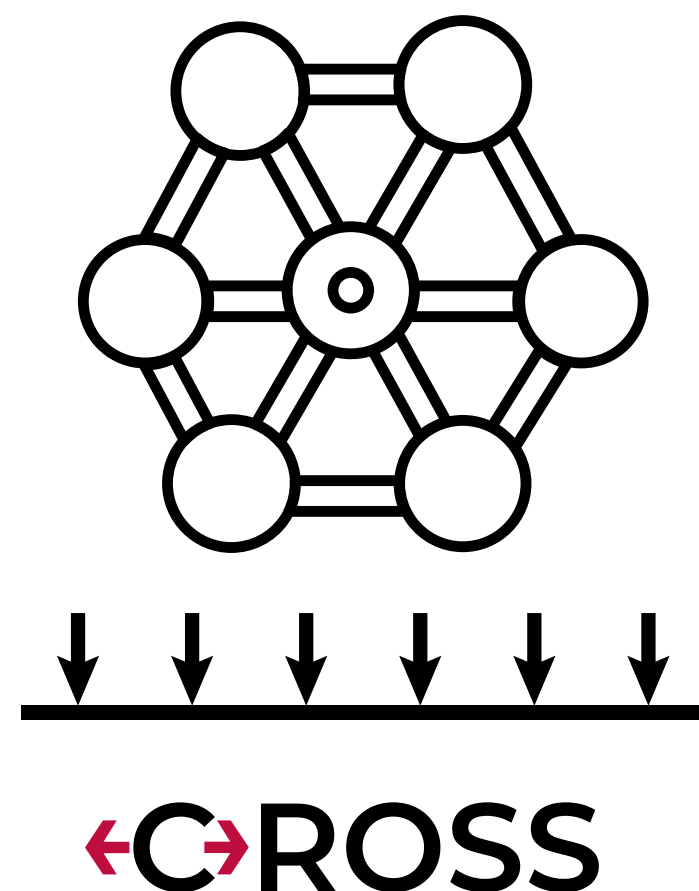
OUTDOOR



INDOOR

An innovative application of nano-grit.

Un'innovativa applicazione di nanograniglie.



Gruppo Cerdisa Ricchetti is the first to develop a special application prior to firing using innovative **nano-grit**

(with a granulometry of less than 0.075 mm).

Gruppo Cerdisa Ricchetti ha per primo messo a punto una speciale applicazione prima della cottura, a base di di innovative **nanograniglie** (con un punto granulometrico inferiore a 0,075 mm).

The material thus treated offers **features that were until now irreconcilable:**

Il materiale così trattato presenta **tre caratteristiche finora inconciliabili:**



**EASY
CLEANING**

PULIBILITÀ



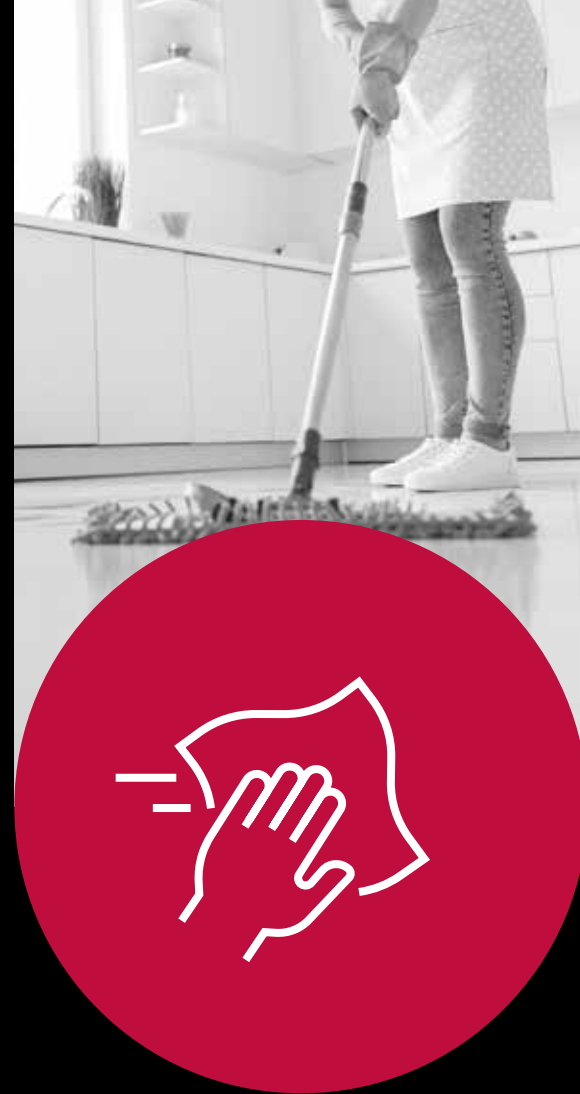
**ANTI-SLIP
SAFETY**

**SICUREZZA
ANTISCIVOLO**



**SOFT
FEEL**

**MORBIDEZZA
AL TATTO**

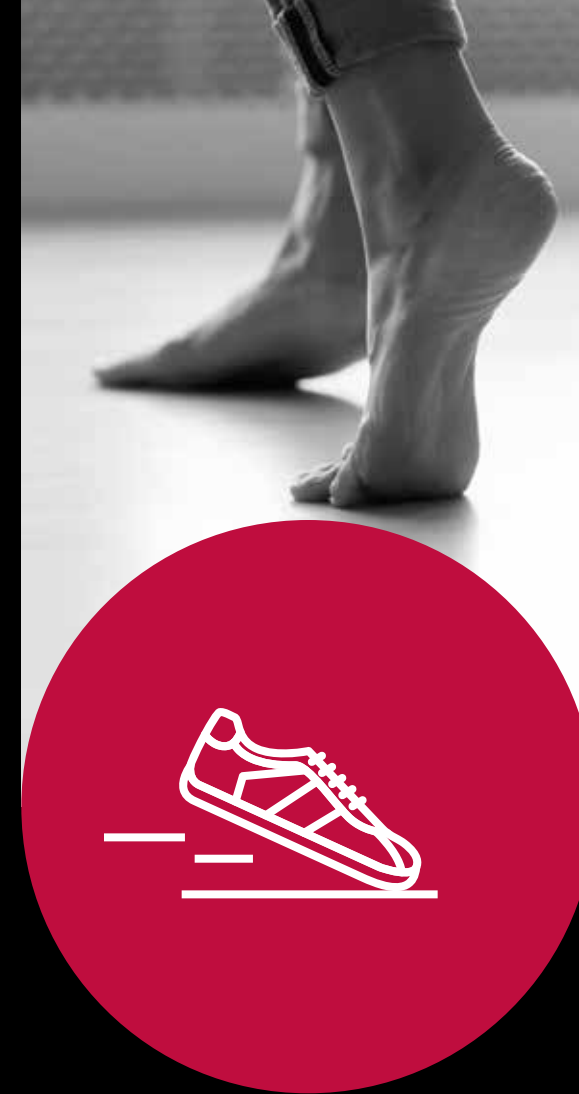


EASY CLEANING

Nano-grit particles are very close together, creating no uneven surfaces where dirt could accumulate, to ensure easy cleaning and sanitisation.

PULIBILITÀ

Le particelle di nanograniglie sono molto ravvicinate fra loro, dunque non creano asperità della superficie che possano trattenere lo sporco, rendendo facili le operazioni di igienizzazione e pulizia.



NON-SLIP

Excellence resistance to slipping when wet or dry.

BASSA SCIVOLOSITÀ

Ottima resistenza alla scivolosità con pavimento sia asciutto sia bagnato.



PLEASING FEEL

The “nanometric” dimensions of the grit are practically imperceptible to the touch for a pleasing soft texture.

PIACEVOLE AL TATTO

Le dimensioni “nanometriche”, risultando quasi impercettibili al tatto, rendono la superficie decisamente morbida e gradevole da toccare.

APPLICATIONS

APPLICAZIONI

The Cross surface meets all the specific requirements of a variety of different applications: kitchen and shower, living room and swimming pool, restaurant and panoramic terrace, as well as indoor/outdoor public spaces.

La superficie Cross risponde pienamente alle esigenze specifiche di applicazioni diverse tra loro: la cucina e la doccia, il living e la piscina, il ristorante e la terrazza panoramica. Gli spazi interni-esterni di ambienti pubblici.



BENEFITS
VANTAGGI

RESELLER
RIVENDITORE



RESELLER RIVENDITORE



OPTIMISED MANAGEMENT

An indoor-outdoor surface, so you have to deal with only one article, instead of two.

GESTIONE OTTIMIZZATA

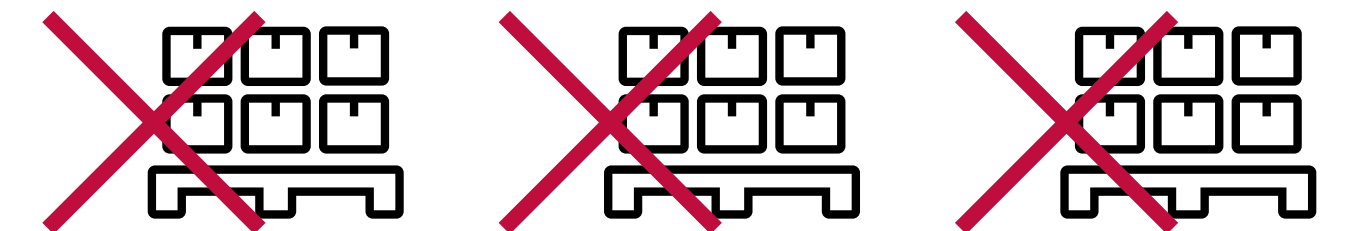
Superficie indoor-outdoor che permette di gestire un solo articolo invece di due.

LESS ITEMS IN STOCK

A product with two uses allows you to cut your total amount of stock.

MENO ARTICOLI A MAGAZZINO

Prodotto con doppia funzionalità, che consente di diminuire le quantità complessive in stock.



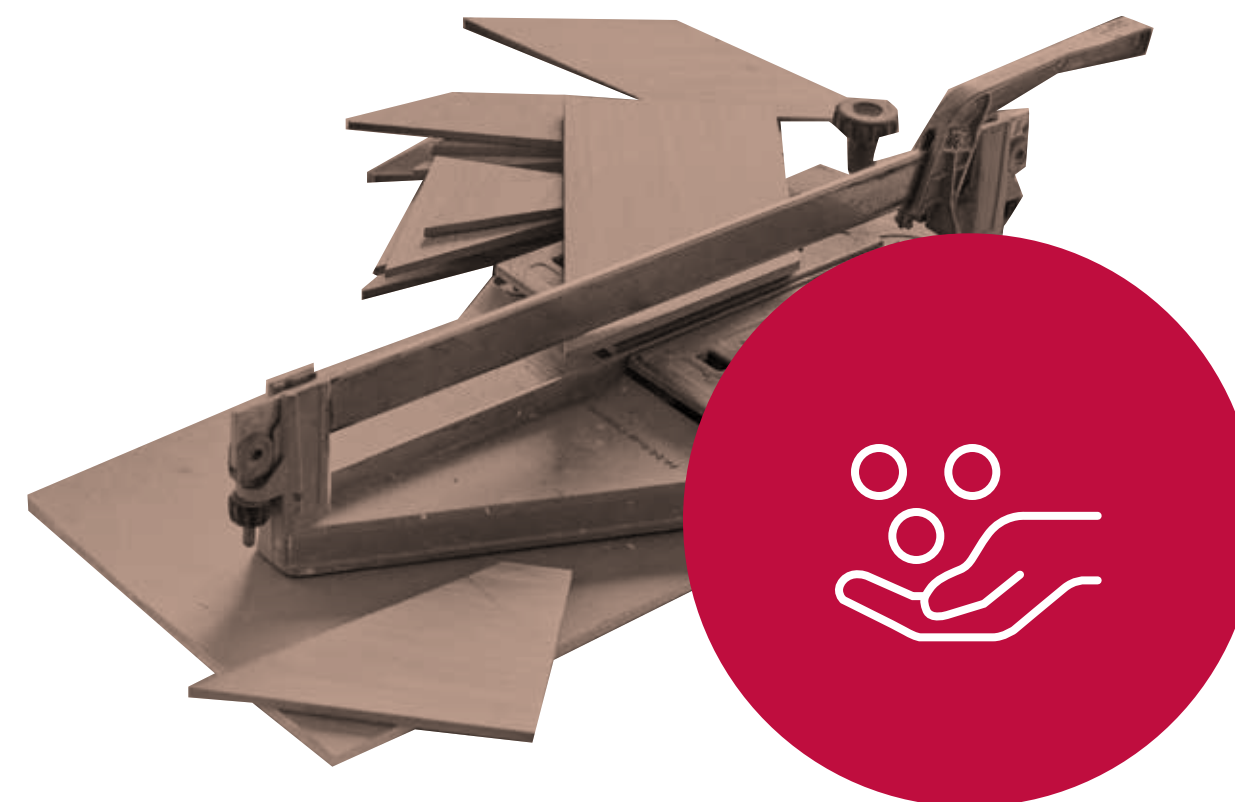
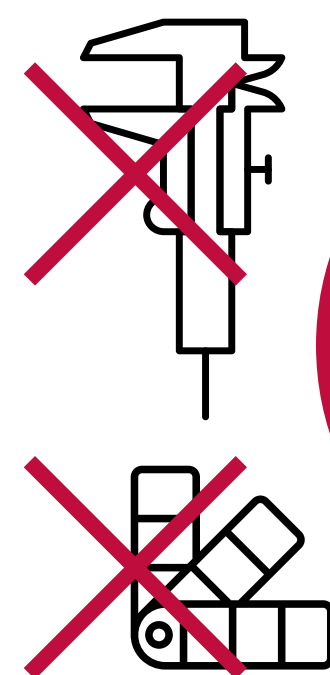
RESELLER RIVENDITORE

SIMPLE ORDERING

You don't need to match color and gauge to order matching flooring for outdoor spaces, offering benefits for large and small orders.

ORDINI SEMPLICI

Non serve abbinare toni e calibri ordinando il pavimento coordinato fra spazi interni ed esterni, con vantaggi nelle piccole e grandi forniture.



BETTER OFFER

An unique material allowing builders and end users to save on scrap, surplus and stocks of material.

OFFERTA PIÙ VANTAGGIOSA

Un materiale unico che permette a costruttori e utente finale di risparmiare su sfridi, abbondanze e scorte di materiale.

AN EXCLUSIVE PRODUCT

Nothing else offering the same benefits as Cross is available on the market.

UN PRODOTTO ESCLUSIVO

Attualmente non sono disponibili sul mercato prodotti con le caratteristiche di Cross, in grado di offrire gli stessi vantaggi.



BUILDER AND DESIGNER

COSTRUTTORE E PROGETTISTA

BENEFITS
VANTAGGI



BUILDER AND DESIGNER COSTRUTTORE E PROGETTISTA



PERFECT MATCHING

A single material for perfectly combination between indoor and outdoor spaces.

ABBINAMENTO PERFETTO

Un solo materiale per coordinare perfettamente spazi interni ed esterni.

CERTIFIED SAFETY

Anti-slip coefficient certified for outdoor and wet areas use.

SICUREZZA CERTIFICATA

Coefficiente antiscivolo certificato idoneo per esterni e zone umide.



SINGLE FLOORING MATERIAL FOR THE SHOWER TRAY AND THE BATHROOM

Cross is perfect for the shower floor, ensuring aesthetic continuity throughout the entire bathroom.

UNICO PAVIMENTO PER PIATTO DOCCIA E BAGNO

Cross è idonea per pavimentare la doccia, garantendo in tutto il bagno la totale continuità estetica.

BUILDER AND DESIGNER

COSTRUTTORE E PROGETTISTA



SIMPLER TECHNICAL SPECIFICATIONS

Less articles in the technical specifications means easier ordering and less scrap.

CAPITOLATI PIÙ SEMPLICI

Meno articoli nei capitolati, quindi ordinativi più semplici e minore sfrido.

SIMPLIFIES WORK ON THE CONSTRUCTION SITE

Cross allows you to work with just one material and laying technique on the construction site, rather than two.

SEMPLIFICA LE OPERAZIONI DI CANTIERE

Cross permette di gestire in cantiere un solo tipo di fornitura e posa invece di due.



BUILDER AND DESIGNER COSTRUTTORE E PROGETTISTA

PROTECTION FOR THE VULNERABLE

Not slippery, a particularly important feature in spaces for seniors, invalids and people with disabilities.

PROTEZIONE PER I PIÙ DEBOLI

La non scivolosità è particolarmente preziosa progettando spazi dove vivono anziani, ammalati e disabili.



MATT DESIGN

Cross surfaces feature the matt finish that is so trendy today.

ASPETTO OPACO

Le superfici Cross presentano un grado di opacità esteticamente di tendenza.

PERFECT FOR POOLS AND SPAS

Surfaces that are safe for locker rooms, showers and wet areas, even barefoot.

IDONEO PER PISCINE E SPA

Superfici sicure anche per spogliatoi, docce e percorsi umidi anche senza calzature.



BENEFITS
VANTAGGI

USER
UTILIZZATORE



USER UTILIZZATORE

ABSOLUTE CONTINUITY IN&OUT

A single flooring material that continues over the threshold. Beautiful and easy to order.

ASSOLUTA CONTINUITÀ IN-OUT

Un unico pavimento senza stacco in corrispondenza della soglia. Estetica e semplicità di acquisto.



EASY TO CLEAN

Surfaces that will not retain dirt, and are easy to clean and sanitise.

FACILE DA PULIRE

Superfici che non trattengono lo sporco, facili da pulire e igienizzare.



USER UTILIZZATORE



SOFT TEXTURE

Nano-grit is not rough but pleasantly smooth to the touch.

MORBIDA AL TATTO

Le nanograniglie non sono ruvide e restano piacevoli al tatto.

SAFETY IN THE HOME

Improves safety in the home and prevents falls, even in wet areas.

SICUREZZA DOMESTICA

Più sicura contro il rischio di cadute domestiche anche in ambienti umidi.



BALCONIES: LESS SCRAP, MORE SAVINGS

No need to purchase a special flooring material for terraces: less waste and savings on the premium cost of orders of less than one pallet.

BALCONI: MENO SCARTI PIÙ RISPARMIO

Per i terrazzi non occorre acquistare un prodotto specifico: meno sprechi e risparmio sull'eventuale sovrapprezzo per ordini inferiori al pallet.

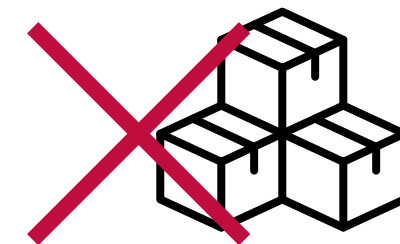
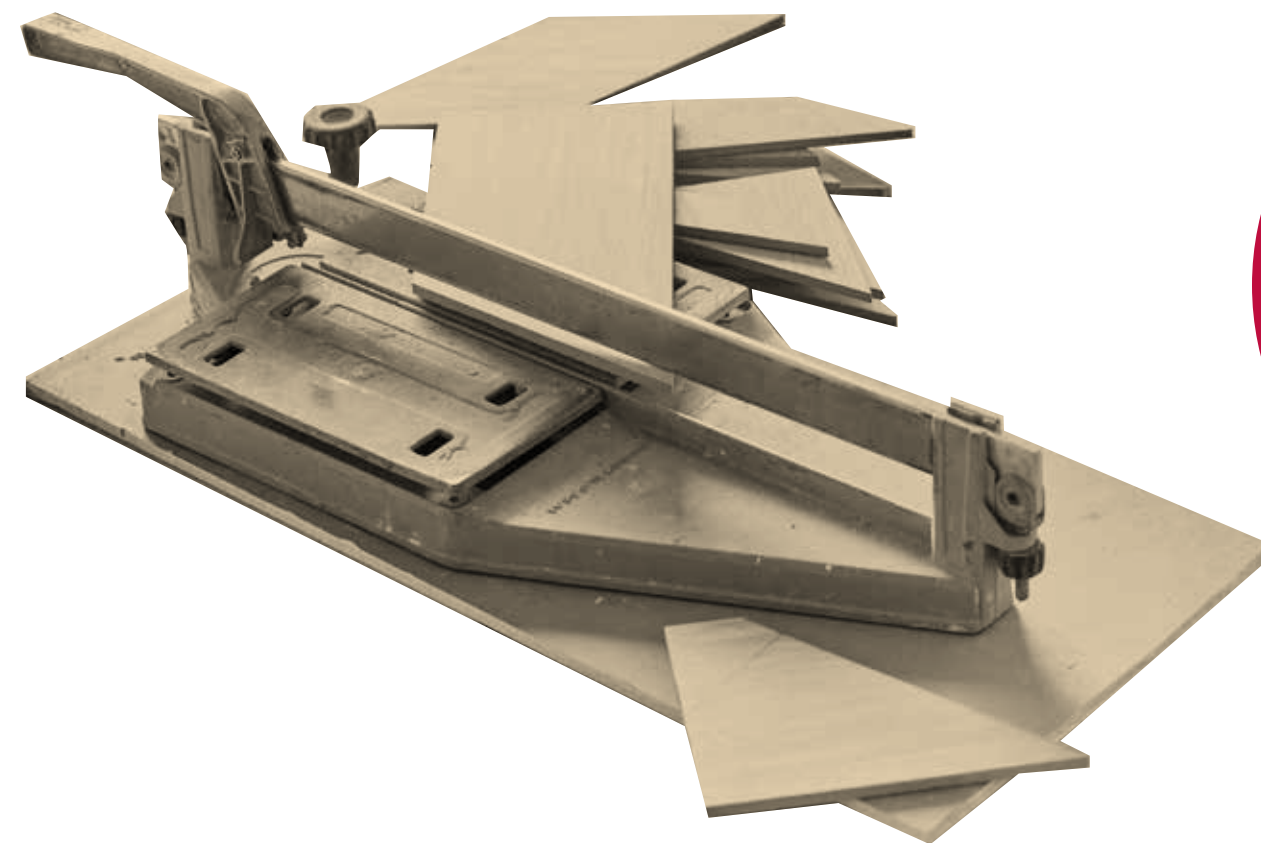
USER UTILIZZATORE

LESS SCRAP, LESS STOCK

Cuts in half the amount of scrap and extra material to be kept in stock.

MENO SFRIDO, MENO SCORTE

Dimezza lo sfrido e le quantità in aggiunta da conservare.



PLEASANT TEXTURE FOR WALKING BAREFOOT

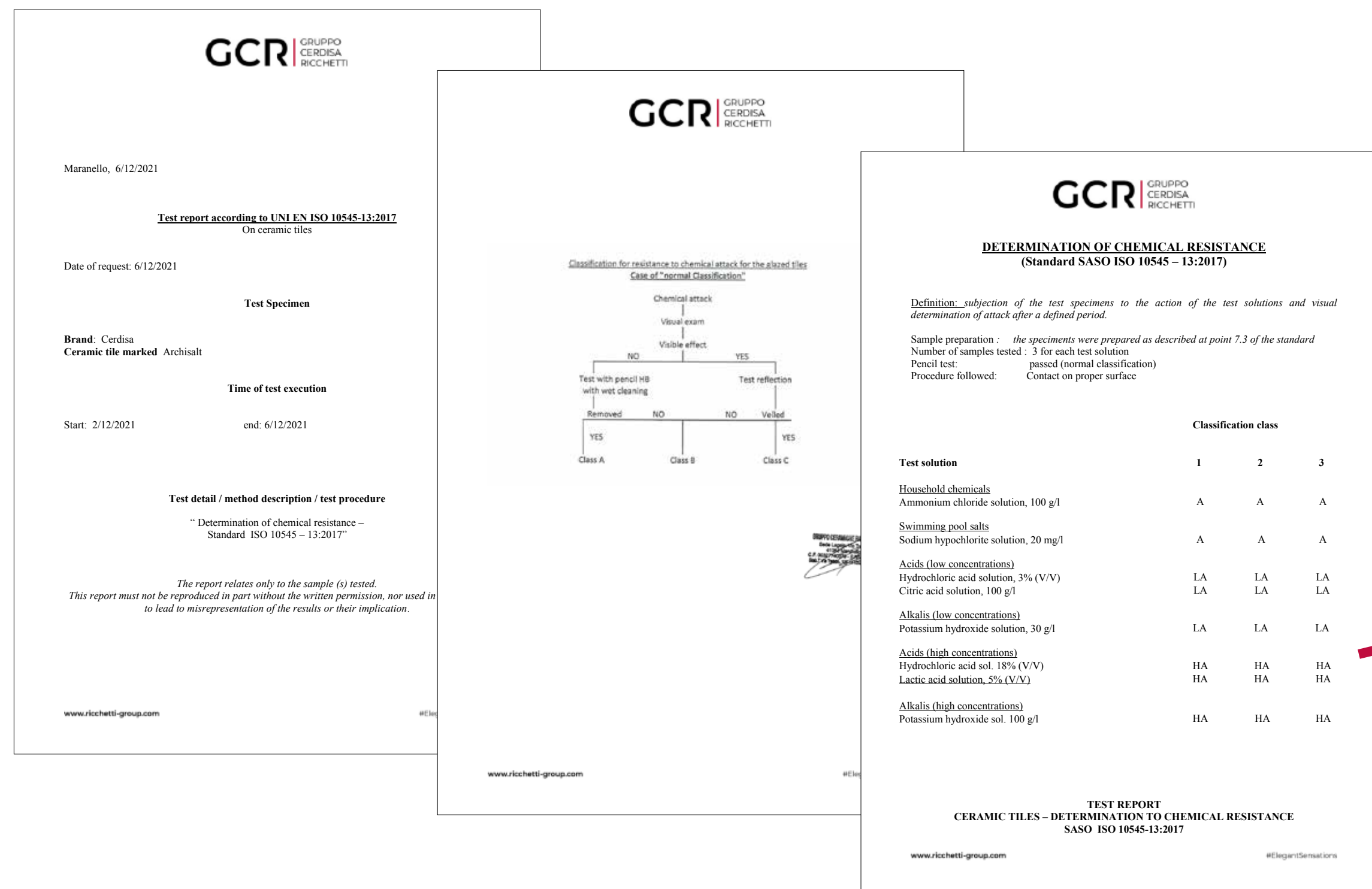
The pleasing texture of Cross is safe for walking barefoot.

PIACEVOLE ANCHE A PIEDI NUDI

Cross è piacevole e sicura da calpestare anche a piedi nudi.

CERTIFICATES




CERTIFICATI



	Classification class		
Test solution	1	2	3
<u>Household chemicals</u>			
Ammonium chloride solution, 100 g/l	A	A	A
<u>Swimming pool salts</u>			
Sodium hypochlorite solution, 20 mg/l	A	A	A
<u>Acids (low concentrations)</u>			
Hydrochloric acid solution, 3% (V/V)	LA	LA	LA
Citric acid solution, 100 g/l	LA	LA	LA
<u>Alkalis (low concentrations)</u>			
Potassium hydroxide solution, 30 g/l	LA	LA	LA
<u>Acids (high concentrations)</u>			
Hydrochloric acid sol. 18% (V/V)	HA	HA	HA
Lactic acid solution, 5% (V/V)	HA	HA	HA
<u>Alkalis (high concentrations)</u>			
Potassium hydroxide sol. 100 g/l	HA	HA	HA

CERTIFICATES

CERTIFICATI

																																																			
Maranello, 2/12/2021																																																			
<u>Test report according to UNI EN ISO 10545-14:2015</u> On ceramic tiles																																																			
Date of request: 2/12/2021	Test specimen	DETRMINATION OF RESISTANCE TO STAINS (Standard SASO ISO 10545 – 14:2000)																																																	
Brand: Cerdisa Ceramic tile marked Archisalt		Principle: determination of the resistance to stains by maintaining test solutions and materials in contact with the proper surface of the tiles for a suitable length of time, the surface are then subject to defined cleaning methods, and finally inspected for visual changes.																																																	
	Time of test execution	<table border="1"> <thead> <tr> <th></th> <th>Sample 1</th> <th>Sample 2</th> <th>Sample 3</th> <th>Sample 4</th> <th>Sample 5</th> </tr> <tr> <th>Staining agents</th> <th>Class</th> <th>Class</th> <th>Class</th> <th>Class</th> <th>Class</th> </tr> </thead> <tbody> <tr> <td><u>Stains leaving a trace (pastes)</u></td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> </tr> <tr> <td><u>Green staining agent in light oil</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>Stains having chemical/oxidizing action</u></td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> </tr> <tr> <td>Iodine, alcoholic solution</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>Stains forming a film</u></td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> </tr> <tr> <td>Olive oil</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Staining agents	Class	Class	Class	Class	Class	<u>Stains leaving a trace (pastes)</u>	5	5	5	5	5	<u>Green staining agent in light oil</u>						<u>Stains having chemical/oxidizing action</u>	5	5	5	5	5	Iodine, alcoholic solution						<u>Stains forming a film</u>	5	5	5	5	5	Olive oil					
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Test detail / method description / test procedure		Classification procedure of the test of resistance to stains																																																	
<p>" Determination of resistance to stains – Standard SASO ISO 10545 – 14:2015"</p> <p>The report relates only to the sample (s) tested. This report must not be reproduced in part without the written permission, nor used in any lead to misrepresentation of the results or their implication.</p>		<ul style="list-style-type: none"> - Class 5: stain removed with hot water (allowed to flow for 5 min.) - Class 4: stain removed non-abrasive sponge + light ph neutral cleaning agent (Ajax liquid) - Class 3: stain removed by mechanical cleaning + strong cleaning agent, at basic pH (Cif) - Class 2: stain removed with specific solvent - Class 1: stain not removed 																																																	
www.ricchetti-group.com		 #ElegantiSensazioni																																																	

Staining agents	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
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<u>Stains having chemical/oxidizing action</u>	Class	Class	Class	Class	Class
Iodine, alcoholic solution					
<u>Stains forming a film</u>	5	5	5	5	5
Olive oil					
	5	5	5	5	5

Dry surface conditions

Humidity: 22 %

DCOF of sensor validation surface

After the test: 0,57

Sample	Direction 1	Direction 2	Direction 3	Direction 4	DCOF Average
1	0,68	0,68	0,69	0,69	0,69
2	0,67	0,66	0,68	0,67	0,67
3	0,67	0,68	0,68	0,68	0,68

Wet surface conditions

DCOF of sensor validation surface

After the test: 0,37

Sample	Direction 1	Direction 2	Direction 3	Direction 4	DCOF Average
1	0,57	0,60	0,56	0,60	0,58
2	0,57	0,58	0,61	0,61	0,59
3	0,58	0,60	0,63	0,63	0,61

Surface characteristics:

flat

Angle of slip:

$$\alpha = 20,2^\circ$$

Classification:

$\alpha < 6$	$6 \leq \alpha \leq 10$	$10 < \alpha \leq 19$	$19 < \alpha \leq 27$	$27 < \alpha \leq 35$	$\alpha > 35$
U	R9	R10	R11	R12	R13
			X		

U = Unclassifiable

Sample size:	50x100 cm		
Width of the joints:	3 mm		
Surface characteristics:	Flat		
Angle of slip:	$\alpha = 24^{\circ} \pm 1^{\circ}$		
Classification:	<table border="1"><tr><td>$\alpha < 12^{\circ}$</td><td>α</td></tr></table>	$\alpha < 12^{\circ}$	α
$\alpha < 12^{\circ}$	α		

$\alpha < 12^\circ$	$\alpha \geq 12^\circ$	$\alpha \geq 18^\circ$	$\alpha \geq 24^\circ$
U	A	B	C
			X

U = Unclassifiable

←C→ROSS

Multi-specific surface finishing



Via Statale 118, 42013 Sant'Antonino di Casalgrande (RE) Italy
T +39 0536 992511 | F +39 0536 993757

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FEEL CONTEMPORARY
#ElegantSensations

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CERDISA
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