



European
Ceramics

TERRA CREA RANGE

BUILDING PRODUCT INFORMATION REQUIREMENTS (BPIR) – CLASS 1

This document is intended to provide the building product information required for a Class 1 designated building product under the (Building Product Information Requirements) Building Regulations 2022.

Product Name:	TERRA CREA RANGE - VARIOUS COLOURS/FINISHES/SIZES/THICKNESS
Product Identifier:	Refer to tile name and product code on paperwork/packaging.
Product Description:	A glazed porcelain tile and a water absorption rate of less than 0.50% designed as a finished product to complete the chosen aesthetic of a building project.
Intended Use:	Porcelain tiles from this range can be installed in line with NZ Building Code requirements and BRANZ best practices. Porcelain tiles are an aesthetic finish to a surface not intended to be load bearing or structural.
Country of Origin:	Italy

Building Code Obligations

Within the intended scope of use, the existing European Ceramics BPIR identifies the following Building Code clauses as potentially relevant. Applicability depends on the actual location and design use:

- B2 – Durability (including B2.3.1)
- C3 – Fire affecting areas beyond the source
- D1 – Access routes (including D1.3.3)
- E3 – Internal moisture (including E3.3.2, E3.3.3 and E3.3.4)
- G3 – Food preparation and prevention of contamination (including G3.3.2)
- G6 – Airborne and impact sound (including G6.3.1 where applicable)



Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

Note – this building product is not subject to a warning/ban under Section 26 of the Building Act 2004

Building Code References

B2 – Durability

Compliance with B2 Durability is about providing evidence that the product will meet the relevant durability life in the context of the environment in which it will be located.

The building code sets out the framework for establishing the relevant durability life of building elements based on a number of criteria. B2/AS1 provides a decision tree to establish the relevant durability for common building materials in different circumstances.

Having determined the durability of the product, the next step is to determine if the product, when exposed to the environment, will continue to perform for the relevant period. A key tool which a product supplier can consider in claiming compliance is limiting the environment in which the product will be exposed to (e.g. a ferrous material used in an indoor environment will last longer than it would when exposed to salt spray — in this example it would be appropriate for the supplier to condition the compliance information to use only in indoor environments).

C3 – Fire affecting areas beyond the source

C3 Fire affecting areas beyond the fire source is primarily about ensuring that fire does not spread from a fire in the building (in both vertically and horizontally) and from an adjacent building.

The prime product attribute used is the fire resistance rating (FRR) methodology. In most cases a product is combined with other products to achieve a FRR (e.g. an external wall fire rating may be formed by the combination of the external cladding, thermal insulation and the internal lining).

C/AS1 and C/AS2 set out performance criteria for buildings and in particular the FRR requirements for various types of buildings and parts of buildings. Appendix C of C/AS2 sets out test methods for the building elements involved in spread of fire. Appendix B of C/AS2 sets out performance criteria for sprinkler systems while Appendix A sets out criteria for fire safety systems such as alarms and hydrants.

D1 – Access routes

For D1 access routes, in most cases product-related compliance for access routes is slip resistance for floors and the shapes/locations etc of handrails. The Acceptable Solution for access D1/AS1 and NZS 4121:2001 provide good information on compliance for products on access routes.

E3 – Internal Moisture

E3 Internal Moisture is about ensuring that moisture created within the building does not lead to mould or damage to adjacent buildings or structural elements in the building in which it is installed.

Prevention of the creation of mould is a combination of temperature, insulation and ventilation. Prevention of water damaging other building elements is mainly about installation details (i.e. sealing joints) as well as impervious products. E3/AS1 provides some useful design details, albeit without much product material information.

G3 – Food preparation and prevention of contamination

G3 Food preparation and prevention from contamination for a product (such as a kitchen bench) is mainly associated with being easily cleaned and impervious. G3/AS1 provides some general design details for food preparation areas but has no referenced product standards, although the document does state some acceptable materials used for surfaces. Compliance with G3/AS1 is not mandatory but provides a good benchmark for compliance.



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G6 – Airborne and Impact Sound

For a product, G6 Airborne and impact sound is generally about systems which are designed to work together to achieve the necessary sound attenuation.

The code itself at G6.3.2 sets a quantifiable performance level: “The Sound Transmission Class of walls, floors and ceilings, shall be no less than 55” and G6.3.2 sets the impact insulation class of floors shall be no less than 55. The Acceptable Solution G6/AS1 sets out the transmission and impact insulation class of common wall systems. G6/VM1 sets out test methodologies where the details do not match those of G6/AS1.

Limitations of Use

Product technical/specification sheets from manufacturers outline composition details and characteristics including material, finishes, PEI ratings, size (including variations, calibrations, weights) colour and slip ratings. Tiles are a finishing product, consented plans or specification should be referred to in order to outline the details of suitability with regard to NZBC requirements.

Suitability *	Residential	Light Commercial	Commercial
Indoor Floor	*	*	*
Indoor Walls	*	*	*
Outdoor Cladding	*	*	*
Frost Resistant	*	*	*
Swimming Pool Submerged	*	*	*
Swimming Pool Surround	*	*	*
Paving/External	*	*	*
Over Underfloor Heating	*	*	*
Kitchen wall	*	*	*
Within 1.5m of a Plumbing Fixture or Fitting	*	*	*



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Manufacturer Information

Address: Via Giardini, 62 – 41042 Fiorano Modenese – MO – Italy

Website: <https://kronosceramiche.com>

Email Address: info@kronosceramiche.com

Technical Information

Product catalogue & technical/specification sheets for each range can be located [Click here](#)

terra crea

CLAY TEXTURE

Struttura / Texture #1



6 mm NATURALE	19 mm NATURALE
120x120 - 48"x48"	120x120 - 48"x48"
TE001 CALCE NF	TE006 CALCE NF
TE002 CORDA NF	TE007 CORDA NF
TE003 LAMO NF	TE008 LAMO NF
TE004 POMACE NF	TE009 POMACE NF
TE005 AMATONE NF	TE010 AMATONE NF

Struttura / Texture #2



10 mm NATURALE	30x30 - 12"x12"	60x60 - 24"x24"	80x80 - 32"x32"
80x100 - 31"x31"	TE011 CALCE NF	TE021 CALCE NF	TE031 CALCE NF
	TE012 CORDA NF	TE022 CORDA NF	TE032 CORDA NF
	TE013 LAMO NF	TE023 LAMO NF	TE033 LAMO NF
	TE014 POMACE NF	TE024 POMACE NF	TE034 POMACE NF
	TE015 AMATONE NF	TE025 AMATONE NF	TE035 AMATONE NF
RODE R11C			
80x100 - 31"x31"	80x60 - 32"x24"	60x120 - 24"x48"	80x80 - 32"x32"
TE071 CALCE NF	TE081 CALCE NF	TE091 CALCE NF	TE061 CALCE NF
TE072 CORDA NF	TE082 CORDA NF	TE092 CORDA NF	TE062 CORDA NF
TE073 LAMO NF	TE083 LAMO NF	TE093 LAMO NF	TE063 LAMO NF
TE074 POMACE NF	TE084 POMACE NF	TE094 POMACE NF	TE064 POMACE NF
TE075 AMATONE NF	TE085 AMATONE NF	TE095 AMATONE NF	TE065 AMATONE NF

Struttura / Texture #3



10 mm SPACCO	30x30 - 12"x12"	15x30 - 6"x12"	7,5x20 - 3"x8"
10x60 - 4"x6"	TE101 CALCE NF	TE111 CALCE NF	TE121 CALCE NF
	TE102 CORDA NF	TE112 CORDA NF	TE122 CORDA NF
	TE103 LAMO NF	TE113 LAMO NF	TE123 LAMO NF
	TE104 POMACE NF	TE114 POMACE NF	TE124 POMACE NF
	TE105 AMATONE NF	TE115 AMATONE NF	TE125 AMATONE NF
15x15 - 6"x6"	TE131 CALCE NF	TE141 CALCE NF	TE151 CALCE NF
	TE132 CORDA NF	TE142 CORDA NF	TE152 CORDA NF
	TE133 LAMO NF	TE143 LAMO NF	TE153 LAMO NF
	TE134 POMACE NF	TE144 POMACE NF	TE154 POMACE NF
	TE135 AMATONE NF	TE145 AMATONE NF	TE155 AMATONE NF

100



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MOSAICO - MOSAICO
30x30 - 12"x12"
000000 7,6x7,6 - 3"x3"

TE111 CALCE nlt
TE112 CORDA nlt
TE113 LIMO nlt
TE115 POMICE nlt
TE114 MATTONE nlt



MOSAICO - MOSAICO
20x30 - 8"x12"
000000 3,2x3,2 - 1 1/4"x3"

TE116 CALCE nlt
TE118 CORDA nlt
TE117 LIMO nlt
TE120 POMICE nlt
TE119 MATTONE nlt



MOSAICO - MOSAICO
30x30 - 12"x12"
000000 1,601,6 - 6"x6"

TE121 CALCE nlt
TE122 CORDA nlt
TE123 LIMO nlt
TE125 POMICE nlt
TE124 MATTONE nlt



4,60x60 - 1 1/4"x24"
BATTISCORRA

TE001 CALCE nlt
TE002 CORDA nlt
TE003 LIMO nlt
TE005 POMICE nlt
TE004 MATTONE nlt

SKE 2.0 20 mm

80x80 - 32"x32"

TE036 CALCE nlt
TE038 CORDA nlt
TE037 LIMO nlt
TE039 POMICE nlt
TE038 MATTONE nlt

60x120 - 24"x48"

TE041 CALCE nlt
TE042 CORDA nlt
TE043 LIMO nlt
TE045 POMICE nlt
TE044 MATTONE nlt

90x90 - 36"x36"

TE046 CALCE nlt
TE048 CORDA nlt
TE047 LIMO nlt
TE050 POMICE nlt
TE049 MATTONE nlt



BLOCK 2.0 20 mm

20,2x20,2 - 8"x8"

TE036 CALCE nlt
TE038 CORDA nlt
TE037 LIMO nlt
TE039 POMICE nlt
TE038 MATTONE nlt

20,2x30,4 - 8"x12"

TE041 CALCE nlt
TE042 CORDA nlt
TE043 LIMO nlt
TE045 POMICE nlt
TE044 MATTONE nlt



30x60 - 12"x24"
BATTISCORRA 2.0
MAXI BEVEL

TE146 CALCE nlt
TE147 CORDA nlt
TE148 LIMO nlt
TE149 POMICE nlt
TE148 MATTONE nlt



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SUPERFICI EMOZIONALI

ENGAGING SURFACES
DES SURFACES ÉMOTIONNELLES
EMOTIONAL ANSPRECHENDE FLÄCHEN

NATURALE

La superficie naturale della collezione Terra Crea è ottenuta con un **innovativo** processo produttivo che abbina una sensazione tattile morbida ed emozionale ad elevate prestazioni tecniche sulla scivolosità (R10B e PTV>36), parametri molto importanti in contesti pubblici e commerciali. L'utilizzo di questo processo garantisce una maggiore sicurezza e facilità di pulizia ed igienizzazione rispetto prodotti con caratteristiche simili, spesso più ruvidi e meno piacevoli da toccare e vivere nel quotidiano.

RUDE

La superficie grip Rude (R11C), per tutte le zone che necessitano di un'elevato standard antiscivolo, completa la collezione con la sua superficie materica dal carattere vivo ed emozionale.

NATURELLE

La surface naturelle de la collection Terra Crea est obtenue grâce à un **processus** de production innovant qui combine une sensation tactile douce et émotionnelle avec des performances techniques élevées en matière de glissance (R10B et PTV>36), paramètres très importants dans des environnements publics et commerciaux. L'utilisation de ce procédé assure une plus grande sécurité et une plus grande facilité de nettoyage et de désinfection par rapport à des produits aux caractéristiques similaires, qui sont souvent plus rugueux et moins agréables à toucher et à vivre au quotidien.

RUDE

Avec sa surface saturée de matière au caractère vivant et émotionnel, la surface grip Rude (R11C), destinée à toutes les zones nécessitant un haut niveau de résistance au glissement, vient compléter la collection.

NATURAL

The natural surface of the Terra Crea collection is obtained using an **innovative** production process that combines a soft, engaging tactile impression with high technical performance in terms of anti-slip (R10B and PTV>36), parameters of paramount importance in public and commercial spaces. The use of this process guarantees enhanced safety and ease of cleaning and sanitisation compared to products with similar characteristics, which are often rougher and less pleasing to touch and live with on a daily basis.

RUDE

The grip surface of Rude (R11C), for all areas that require a high anti-slip standard, completes the collection with its textural surface which is vital and engaging.

NATÜRLICH

Die natürliche Oberfläche der Kollektion Crea entsteht durch ein **innovativen** Herstellungsverfahren, das eine weiche, emotionale Haptik mit hohen Leistungsmerkmalen in puncto Rutschhemmung (R10B und PTV>36) vereint. Diese Werte gelten in öffentlichen und gewerblichen Bereichen als sehr wichtige Parameter. Das Verfahren gewährleistet eine höhere Sicherheit und leichtere Reinigung und Hygienisierung im Vergleich zu Produkten mit ähnlichen Eigenschaften, die oft rau sind und weniger angenehm in der Haptik und Verwendung im täglichen Leben sind.

RUDE

Die Oberfläche grip Rude (R11C) ist prädestiniert für Bereiche mit hohen Anforderungen an die Rutschhemmung. Sie rundet die Kollektion mit ihrer lebhaften, emotional ansprechenden Materialtextur ab.



SENSAZIONE MORBIDA AL TATTO
SOFT TO THE TOUCH
UNE SENSATION DE DOUCEUR AU TOUCHER
WEICHE HAPTİK



MAGGIORI PRESTAZIONI ANTISCIVOLO
ENHANCED ANTI-SLIP PERFORMANCE
UNE HAUTE PERFORMANCE ANTIDÉRAPANTE
ERHÖHTE RUTSCHHEMMUNG



ESTETICA COORDINATA IN & OUT
COORDINATED AESTHETIC BETWEEN
INDOORS & OUTDOORS
ESTHÉTIQUE COORDONNÉE INTÉRIEUR ET
EXTÉRIEUR
EINHEITLICHE OPTİK VON INNEN- UND
AUSSENBEREICH



FACILITÀ DI PULIZIA E IGIENIZZAZIONE
EASY CLEANING AND SANITISATION
FACILITÉ D'ENTRETIEN ET DE DÉSINFECTION
LEICHTE REINIGUNG UND HYGIENISIERUNG



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CLAY TEXTURE

IMBALLI_PACKAGING_EMBALLAGES_VERPACKUNGEN

TERRA CREA	Thickness	Pezzi per scatola	M² per scatola	Kg per scatola	Scatole per pallet	M² per pallet	KG per pallet
120x280 - 48"x112"	6	1	3,36	47,40	20	67,20	968
120x120 - 48"x48"	10	2	2,88	67,00	18	51,84	1.226
80x180 - 32"x72"	10	2	2,88	67,00	20	57,60	1.360
80x80 - 32"x32"	10	2	1,28	30,00	40	51,20	1.220
60x120 - 24"x48"	10	2	1,44	33,50	30	43,20	1.025
60x60 - 24"x24"	10	3	1,08	25,00	40	43,20	1.020
SPAKKO 10x80 - 4"x24"	10	18	1,08	24,00	48	51,84	1.172
SPAKKO 30x30 - 12"x12"	10	12	1,08	24,00	40	43,20	980
SPAKKO 15x30 - 6"x12"	10	24	1,08	24,00	44	47,52	1.076
SPAKKO 7,5x30 - 3"x12"	10	48	1,08	24,00	44	47,52	1.076
SPAKKO 7,5x15 - 3"x6"	10	96	1,08	24,00	44	47,52	1.076
SPAKKO 15x15 - 6"x6"	10	48	1,08	22,50	54	58,32	1.235
ELLE "7,5" 7,5x30 - 3"x12" / 7,5x15 3"x6"	10	1	-	1,00	-	-	-
ELLE "30" 15x30 - 6"x12" / 30x7,5 12"x3"	10	1	-	1,60	-	-	-
30x30 - 12"x12" Mosaico 7,5x7,5 - 3"x3"	10	4	0,36	10,50	60	21,60	650
20x30 - 8"x12" Mosaico 3,2x20 - 1¼"x6"	10	5	0,40	6,70	110	44,00	977
30x30 - 12"x12" Mosaico 1,5x1,5 - ½"x ½"	10	5	0,45	13,50	60	27,00	830
SKE 2.0 80x80 - 32"x32"	20	2	1,28	58,50	24	30,72	1.424
SKE 2.0 60x120 - 24"x48"	20	1	0,72	32,00	30	21,60	980
SKE 2.0 60x60 - 24"x24"	20	2	0,72	32,60	30	21,60	998
BLOCK 2.0 20,2x20,2 - 8"x8"	20	12	0,49	22,50	54	26,46	1.235
BLOCK 2.0 20,2x30,4 - 8"x12"	20	7	0,43	20,00	60	25,80	1.220

VARIAZIONE CROMATICA_SHADE VARIATION_VARIATION CHROMATIQUE_CHROMATISCHE ABWEICHUNG



V1
aspetto uniforme
uniform appearance
aspect uniforme
Gleichmäßiges Bild



V2
lieve variazione
slight variation
légère différence de nuance
Leichte Abweichung



V3
moderata variazione
moderate variation
variation modérée
Mäßige Abweichung



V4
forte variazione
substantial variation
variation Intense
Starke Abweichung

120x280
120x120



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CARATTERISTICHE E PROPRIETÀ CHARACTERISTICS OR PROPRIETES EIGENSCHAFTEN UND EIGENSCHAFTEN	NORME STANDARDS NORMES NORMEN	SECONDO LE NORME COMPLIANCE WITH STANDARDS CONFORME AUX NORMES ENTSPRECHEND DEN NORMEN UNEN 14411 G - GRUPPO BIA UGL					
QUALITÀ DELLA SUPERFICIE - SURFACE QUALITY - QUALITÉ DE LA SURFACE - OBERFLÄCHENQUALITÄT	ISO 10545-2	IL 95% MIN DELLE PIASTRELLE DEVE ESSERE ESENTE DA DIFETTI VISIBLE / AT LEAST 95% OF THE TLA MUST BE FREE FROM VISIBLE FLAWS / 95% MIN DES CARREUX NE DOIVENT PRÉSENTER AUCUN DÉFAUT VISIBLE / MINDESTENS 95% DER FLESEN MÜSSEN FREI VON SICHTBAREN	CONFORME ALLE NORME - COMPLIES WITH STANDARD - CONFORME AUX NORMES - NORMGEGEHT RELATIVI TEST - TEST RESULTS - RESULTATS DES ESSAIS - PRÜFERGEBNISSE				
		N ≥ 15 cm % N ≥ 15 cm mm	NATURALE 6MM	NATURALE 10MM	FLUXE 10MM	SPACCO* 10MM	SKE2.0 30MM
			CONF	CONF	CONF	CONF	CONF
DEVIATIONE MASSIMA DI RETTILINEITÀ IN % - MAXIMUM STRAIGHTNESS DEVIATION IN % - MARGE DE TOLÉRANCE DE RECTITUDE EN % - ZULASSIGE HOCHSTABWEICHUNG DER KANTENGERADHEIT IN PROZENTEN		± 0,5 % ± 1,5 mm	± 0,1 %	± 0,1 %	± 0,1 %	± 0,1 %	± 0,1 %
DEVIATIONE AMMISSIBILE IN % DELLO SPESORE MEDIO DI OGNI PIASTRELLA DALLA DIMENSIONE DI FABBRICAZIONE - ADMITTED DEVIATION IN % OF THE AVERAGE THICKNESS OF EACH TILE FROM THE PRODUCTION DIMENSIONS - MARGE DE TOLÉRANCE, EN POURCENTAGE, ENTRE L'ÉPAISSEUR MOYENNE DE CHAQUE CARREAU ET LA DIMENSION DE FABRICATION - ZULÄSSIGE ABWEICHUNG DER DURCHSCHNITTSDICKE JEDER FLESE VOM HERSTELLMAß IN PROZENTEN		± 0,5 % ± 0,5 mm	± 0 %	± 0 %	± 0 %	± 0 %	± 0 %
DEVIATIONE MASSIMA DI ORTOGONALITÀ IN % - MAXIMUM RIGHT-ANGLE DEVIATION IN % - MARGE DE TOLÉRANCE D'ANGULARITÉ EN % - HOCHSTABWEICHUNG DER RECHTWINKELIGKEIT IN PROZENTEN		± 0,5 % ± 2,0 mm	± 0,2 %	± 0,2 %	± 0,2 %	± 0,2 %	± 0,2 %
PLANARITÀ - PLANESSE - PLANETÉ - EBENHEITIGKEIT		± 0,5 % ± 2,0 mm	± 0,2 %	± 0,2 %	± 0,2 %	± 0,2 %	± 0,2 %
LUNGHEZZA E LARGHEZZA - LENGTH AND WIDTH LONGUEUR ET LARGEUR - LÄNGE UND BREITE		± 0,5 % ± 2,0 mm	± 0,10 %	± 0,10 %	± 0,10 %	± 0,10 %	± 0,10 %
ASSORBIMENTO D'ACQUA - WATER ABSORPTION ABSORPTION D'EAU - WASSERAUFNAHME	ISO 10545-3	≤ 0,5 %	E ≤ 0,04 %				
RESISTENZA ALLA FLESSIONE - BENDING STRENGTH RÉSISTANCE À LA FLEXION - BEUGESTÄRKE	ISO 10545-4	≥ 36 N/mm²	NATURALE 6MM	NATURALE 10MM	FLUXE 10MM	SPACCO* 10MM	SKE2.0 30MM
		62 N/mm²	60 N/mm²	60 N/mm²	60 N/mm²	60 N/mm²	60 N/mm²
RESISTENZA ALL'URTO - IMPACT RESISTANCE RÉSISTANCE AUX CHOC - SCHLÄGELSTÄRKE	ISO 10545-5	VALORE DICHIARATO - DECLARED VALUE - WERT DER ERKLÄRUNG	0,06	0,06	0,06	0,06	0,06
FORZA DI ROTTURA - BREAKING STRENGTH IN N - FORCE DE RUPTURE EN N - BRUCHLAST IN N	ISO 10545-4	2.700 Newton (pp < 7,5mm) 2.100 Newton (pp > 7,5mm)	1300 N	3200 N	3200 N	3200 N	3200 N
RESISTENZA ALL'ABRASIONE PROFONDA - RESISTANCE TO DEEP ABRASION RÉSISTANCE À L'ABRASION PROFONDE - WINDSTÄNDEGEWISSTÄRKE GEGEN TIEFTNÄHES	ISO 10545-6	≤ 175 mm³	≤ 132 mm³				
COEFFICIENTE DI DILATAZIONE TERMICA LINEARE - COEFFICIENT OF LINEAR THERMAL EXPANSION - COEFFICIENT D'EXTENSION THERMIQUE LINEAIRE - LINEAR WÄRMEDAUFDEHNUNGS-KOEFFIZIENT	ISO 10545-8		6-7 x 10 ⁻⁶ °C ⁻¹				
RESISTENZA AGLI SCALZI TERMICI - THERMAL SHOCK RESISTANCE RÉSISTANCE AUX CHOCX THERMIQUES - TEMPERATURWECHSELSTÄNDIGKEIT	ISO 10545-9	TEST SUPERATO SECONDO EN ISO 10545-1 - PASS ACCORDING EN ISO 10545-1 - TEST OBTENUS SELON EN ISO 10545-1 - TEST LAUT EN ISO 10545-1 BESTANDEN	NESSUN DANNO - NO DAMAGE - AUCUN DOMMAGE - KEIN SCHADEN				
RESISTENZA AL GELO - FROST RESISTANCE RÉSISTANCE AU GEL - FROSTSTÄNDIGKEIT	ISO 10545-12	TEST SUPERATO SECONDO EN ISO 10545-1 - PASS ACCORDING EN ISO 10545-1 - TEST OBTENUS SELON EN ISO 10545-1 - TEST LAUT EN ISO 10545-1 BESTANDEN	NESSUN DANNO - NO DAMAGE - AUCUN DOMMAGE - KEIN SCHADEN				
RESISTENZA AGLI AGENTI CHIMICI - CHEMICAL RESISTANCE RÉSISTANCE À L'ATTATQUE CHIMIQUE - BESTÄNDIGKEIT GEGEN CHEMISIALES	ISO 10545-13	100 MIN.	UN UNL UNL				
RESISTENZA ALLE MACCHIE - RESISTANCE TO STAIN RÉSISTANCE AUX TACHES - FLECKENFESTIGKEIT	ISO 10545-14	VALORE DICHIARATO - DECLARED VALUE - WERT DER ERKLÄRUNG	Classe 5				
RESISTENZA AL FUOCO - FIRE RESISTANCE RÉSISTANCE AU FEU - FEUERWIDERSTAND	EN 13501-1	VALORE DICHIARATO - DECLARED VALUE - WERT DER ERKLÄRUNG	CLASSE A1 - A1 FL				
RESISTENZA ALLO SCIVOLAMENTO - SLIP RESISTANCE RÉSISTANCE AU GLISSEMENT - BESTIMMUNG DER RUTSCHHEINDEIGENSCHAFT / COEFFICIENTE D'ATTRITO - DYNAMIC COEFFICIENT OF FRICTION COEFFICIENT DE FRICTION DYNAMIQUE - DYNAMISCHER REIBUNGSKOEFFIZIENT			NATURALE 6MM	NATURALE 10MM	FLUXE 10MM	SPACCO* 10MM	SKE2.0 30MM
	B.C.R. C.A. B.C.R. G.B D.M. 529 DEL 4.8.1988	> 0,40	CONF	CONF	CONF	CONF	CONF
	BS-7878 PENDULUM TEST	-	> 36 WET	> 36 WET	> 36 WET	> 36 WET	> 36 WET
	ANSI A137.1 BOT 3000	Wet COF > 0,42	CONF	CONF	CONF	CONF	CONF
	DIN 51130	-	R10	R10	R11	R10	R11
	DIN 51197	-	A+B	A+B	A+B+C	A+B	A+B+C
	EN 12633	≥ CL 1	CONF	CONF	CONF	CONF	CONF
	UNE EN 13038 - 4 2011	≥ 36	CONF	CONF	CONF	CONF	CONF
STABILITÀ DEI COLORI ALLA LUCE E AI RAGGI U.V. COLOR STABILITY ON EXPOSURE TO LIGHT AND UV RAYS STABILITÉ DES COULEURS À LA LUMIÈRE ET AUX RAYONS U.V. FARBSTÄNDIGKEIT UNTER LICHTBESITZ UND UNSTRALUNG	DIN 61094	VALORE DICHIARATO - DECLARED VALUE - WERT DER ERKLÄRUNG	CONFORME ALLE NORME, NO VARIATIONS COMPLIES WITH STANDARD, NO VARIATION CONFORME AUX NORMES, PAS DE CHANGEMENTS NORMGEGEHT, KEINE ÄNDERUNG				
RILASCO DI SOSTANZE PERICOLOSE - RELEASE OF HAZARDOUS SUBSTANCES - RELEASE OF SUBSTANCES DANGEROUS - FREISETZUNG GEHÄRDLICHER STOFFE	EN 13356-1-2-2007-Reg-CE 193-2004	VALORE DICHIARATO - DECLARED VALUE - WERT DER ERKLÄRUNG	CONFORME ALLE NORME, NO VARIATIONS COMPLIES WITH STANDARD, NO VARIATION CONFORME AUX NORMES, PAS DE CHANGEMENTS NORMGEGEHT, KEINE ÄNDERUNG				
SKE2.0							
CARICO STATICO - STATIC LOAD CHARGE STATIQUE - STATISCHER BELASTUNG	EN 12625	VALORE DICHIARATO - DECLARED VALUE - WERT DER ERKLÄRUNG	CENTRO - CENTRE 8,9 KN CENTRO LATO CENTRE POINT OF 800S 8,5 KN DIAGONALE - DIAGONAL 8,19 KN (CLASSE 3)				
CARICO DINAMICO, PROVA DI URTO DI CORPI DURI - DYNAMIC LOAD CAPACITY HARD OBJECT IMPACT TEST C. STATIQUE, ESSAI DE CHOC DE CORPS DURS - STATISCHER BELASTUNG, AUSWIRKUNGEN TEST DER HARTEN KÖRPER	EN 12625	VALORE DICHIARATO - DECLARED VALUE - WERT DER ERKLÄRUNG	TEST NON SUPERATO - TEST NOT PASSED TEST A ÉCHOUÉ - TEST FEHLGESCHLAGEN				
CARICO DINAMICO, PROVA DI URTO DI CORPI MORBIDI - DYNAMIC LOAD CAPACITY SOFT OBJECT IMPACT TEST C. STATIQUE, ESSAI D'IMPACT DE CORPS MOUS - STATISCHER BELASTUNG, AUSWIRKUNGEN PRÜFUNG VON WEICHEN KÖRPERN	EN 12625	VALORE DICHIARATO - DECLARED VALUE - WERT DER ERKLÄRUNG	TEST SUPERATO - TEST PASSED TEST REUSSE - TEST BESTANDEN				
RESISTENZA ALLA PULSIONE, CARICO DI ROTTURA IN N - BREAKING STRENGTH BREAKING FORCE IN N - RÉSISTANCE À LA PULSION, CHARGE DE RUPTURE EN N - BEUGESTÄRKE, BRUCHLAST IN N	EN 1338	En 14,38	CLASSE U14				
CARICO DI ROTTURA IN MPa - BREAKING FORCE IN MPa - CHARGE DE RUPTURE EN MPa - BRUCHLAST IN MPa		-	MPa 46,5				



Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

Note – this building product is not subject to a warning/ban under Section 26 of the Building Act 2004

Fire Resistance

The building code relating to fire rating regulations and standards requires specifiers to provide documentation such as fire certificates for materials used in construction.

Ceramics are in itself a fire-resistant material, mostly being manufactured at over 1200 degrees Celsius. Testing and providing such certification are therefore not relevant to the Ceramics industry.

Ceramic and Porcelain tiles are an inert material, and therefore non-combustible. They do not release fumes or toxic gases in the event of a fire. Porcelain tiles contain no sealants, waxes or other chemicals that could release VOC's into the environment. Ceramics do not pose a risk of spreading or intensifying a fire therefore there is no testing required as they do not contribute to a fire.

EXTRAORDINARY EFFECTS DURING USE PHASE:

Fire: According to /EN 13501-1:2007+A1:2009/, ceramic tiles can be classified as A1 class of fire resistance rating, because they do not contribute to fire.

It has been demonstrated that the coating of the ceramic tiles, in case of fire, reduces heat on them and thus the risk of collapse.

Water: Ceramic tiles cannot react with water because they are an insoluble material.

For further information on the fire performance characteristics of ceramic/porcelain tiles or natural stone, [please follow this link](#)

Design Requirements

- The designer/specifier must confirm that the selected product colour, finish, size and thickness is suitable for the intended location and service conditions.
- Floor finishes must be selected with regard to the required slip resistance for the intended use, including access routes and wet areas where applicable.
- The supporting substrate and complete tile system must be designed to be sufficiently stable, rigid, level and suitable for the tile format and loading.
- Wet-area design must include the required waterproofing system, falls, drainage, junctions and penetrations. Tiles and grout are not to be relied upon as the waterproofing system.
- Movement/control joints must be incorporated where required by the substrate, building movement, tile layout and installation system.
- For underfloor heating, the heating system, substrate, adhesive, grout and movement-joint design must be compatible with porcelain tile and the relevant manufacturers' requirements.
- For external cladding or other specialist applications, project-specific design, fixing, wind/seismic actions and system compatibility must be verified before installation.
- Natural variation in shade, caliber and appearance should be considered when approving samples and setting out the installation.



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Installation Requirements

- Installation must be carried out by a competent tile installer in accordance with NZ standards & the BRANZ best tiling practices guide, the tile manufacturer's instructions and the installation-product manufacturers' instructions.
- Confirm the product identity, colour, finish, size, calibration and quantity before installation. Do not install visibly damaged or incorrect tiles.
- The substrate must be sound, clean, dry as required by the selected system, adequately cured, dimensionally stable, level and free of contaminants that may impair adhesion.
- Where waterproofing is required, install an appropriate waterproofing system before tiling and complete all junctions, penetrations and terminations in accordance with the waterproofing manufacturer's requirements.
- Select adhesive and grout suitable for porcelain tile, tile format, substrate, environment and service conditions. Follow the adhesive/grout manufacturer's mixing, open-time, coverage and curing requirements.
- Provide adhesive coverage appropriate to the application and tile format. Large-format and external/specialist installations may require additional measures to achieve adequate support and coverage.
- Provide movement joints and perimeter joints where required; do not bridge structural or substrate movement joints with rigid tile finishes.
- Maintain appropriate joint widths and setting-out tolerances. The supplier technical sheet included in the existing BPIR should be consulted for product-specific joint guidance.
- Protect the completed installation from traffic, moisture, impact and other loads until the adhesive, grout, sealants and associated systems have cured.
- For further installation information [please refer to this link](#) for porcelain, ceramic & natural stone.

Maintenance Requirements

- Clean routinely using clean water and a suitable neutral or manufacturer-approved tile cleaner. Follow the cleaning-product manufacturer's instructions.
- Remove spills and contaminants promptly. Cleaning frequency should reflect the location, traffic and contamination level.
- Do not use cleaning methods or chemicals that may damage grout, sealants, adjacent materials or any decorative/special surface finish. Confirm chemical compatibility before use.
- Avoid abrasive tools or cleaning methods that may scratch or alter the surface appearance.
- Maintain grout, flexible sealant and movement joints. Inspect them periodically and repair or replace deteriorated material where necessary.
- Where slip resistance is important, maintain the surface so that residues, oils, soap, coatings or other contaminants do not materially reduce slip performance.
- For further maintenance information [please refer to this link](#) for porcelain, ceramic & natural stone.



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