

European
Ceramics

AUTHENTIC LUXE RANGE

Product Name: **AUTHENTIC LUXE - VARIOUS COLOUR/FINISHES**

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%.

Country Of Origin: Italy

Building Code Obligations

Code Clauses:

B2 – Durability

B2.3.1

C3 – Fire affecting areas beyond the
source

D1 – Access routes

D1.3.3

E3 – Internal moisture

E3.3.2, 3.3.3, 3.3.4

G3 – Food preparation and prevention of
contamination

G3.3.2

G6 – Airborne and Impact sound

G6.3.1



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

Manufacturer Details:

European Ceramics Approved

BPIR COMPLIANT

Importer Details:

European Ceramic Tiles Ltd

Address: 7A Cowley Place, Rosedale, AKL 0632

NZBN: 9429037294571

Website: euroceramics.co.nz

Scope	Use
B2 Durability	See below suitability table
C3 Fire	The Building Code relating to fire ratings regulation & standards become mandatory from April 2013, establishing the list of products belonging to Classes A 'No Contribution to Fire' provided for in Decision 94/611/EC implementing Article 20 of Council Directive 89/106/EEC.
D1 Access Routes	Refer to slip resistance documentation for all Access routes classifications D1/AS1 for above range.
E3 Internal Moisture	Under E3 Tiles installed over a waterproof membrane using a nonporous grouting system, are an acceptable solution.
G3 Food Preparation & Prevention from Contamination	As an impervious and easy to clean surface, this range complies.
G6 Airborne & Impact Sound	If required, tiles can form part of an acoustic system to comply with IIC & STC in conjunction with an approved third-party system.

<i>Suitability *</i>	<i>Residential</i>	<i>Light Commercial</i>	<i>Commercial</i>
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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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 life 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 create 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.

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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.

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.

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Technical Information

AUTHENTIC LUXE

GRES FINE PORCELLANATO/FINE PORCELAIN STONEWARE/GRES CERAME FIN/FEINSTEINZEUG-KOLLEKTIONEN/GRES PORCELANICO FINO
SQUADRATO - SQUARED - EQUIARRI - REKTIFIZIERT - ECUADRADO

9 mm 3/8"

CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS - CARACTERISTIQUES TECHNIQUES - TECHNISCHE EIGENSCHAFTEN - CARACTERÍSTICAS TÉCNICAS											
Lustre in gres fine porcellanato non smaltato. Piastrelle di ceramica pressate a secco. Caractéristiques de qualité secondo i test di controllo previsti dalla norma EN 1441-ISO 13006 Appendice G gruppo B1a UGL / Dulles in gres cerame fin non smaltato. Caracéristiques techniques pressées à sec. Caractéristiques de qualité d'après les essais de contrôle norme EN 1441-ISO 13006 Appendice G groupe B1a UGL / Nicht glasierte und vollständig gesinterte Feinsteinzeugplatten. Trocken gepresste Keramikfliesen. Qualitätsbeigenschaften nach Normen EN 1441-ISO 13006 Anhang G Gruppe B1a UGL / Planchas de gres porcelánico de gres cerámico. Baldosas de cerámica ensadas en seco. Características de calidad según las Normas EN 1441-ISO 13006 Apéndice G grupo B1a UGL.			PRESCRIZIONE STANDARD REQUIREMENTS PRÉSCRIPTIONS ANFORDERUNGEN PRESCRIPTION		RISULTATI TESTS TEST RESULTS RÉSULTATS DES ESSAIS PRÜFERERGEBNIS RESULTADOS TESTS						REFERIMENTO NORMA REFERENCE STANDARD STANDARDNORME REFERENCIA NORMA
			N 2: 16 mm								
			(%)	(mm)	glossy	matte silk	matte leather	matte	corrugated	grp	
	LUNGHEZZA E LARGHEZZA: DEVIATIONE AMMISSIBILE IN % DELLA DIMENSIONE MEDIA DI OGNI PIASTRELLA DALLA DIM. DI FABBRICAZIONE / LENGTH AND WIDTH: ADMITTED DEVIATION IN % OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS / MARGE DE TOLERANCE EN POURCENTAGE ENTRE L'ÉPESSEUR MOYENNE DE CHAQUE CARREAU ET LA DIMENSION MOYENNE DE CHAQUE CARREAU / LARGO Y ANCHO: DESVIACIÓN ADMISIBLE EN % DEL TAMAÑO MEDIO DE CADA BALDOZA A PARTIR DEL TAMAÑO DE FABRICACIÓN.	Squadrato ISO 13006	±0,3 %	±1,0 mm					±0,15 %		ISO 10545-2
	DEVIATIONE AMMISSIBILE IN PERCENTO 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 TOLERANCE EN POURCENTAGE ENTRE L'ÉPESSEUR MOYENNE DE CHAQUE CARREAU ET LA DIMENSION MOYENNE DE CHAQUE CARREAU / ZULÄSSIGE ABWEICHUNG DER DURCHSCHNITTSDICKUNG JEDEZ FLIESE VOM HERSTELLUNGS MITTEL WERT / DESVIACIÓN ADMISIBLE EN TANTO POR CIENTO DEL GROSOR MEDIO DE CADA BALDOZA A PARTIR DEL TAMAÑO DE FABRICACIÓN.	Squadrato ISO 0006	±5 %	±0,5 mm					±5 %		
	DEVIATIONE MASSIMA DI RETTILINEITÀ IN PERCENTO IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE CORRESPONDENTI MAXIMUM STRAIGHTNESS DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLERANCE DE RECTITUDE EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION CORRESPONDANTES / ZULÄSSIGE HOCHSTABWEICHUNG DER KANTENGERADHEIT IM VERHÄLTNIS ZU DEN ENTSPRECHENDEN HERSTELLUNGS DIMENSIONEN / DESVIACIÓN MÁXIMA DE RECTITUD EN TANTO POR CIENTO EN RELACION CON EL TAMAÑO DE FABRICACIÓN CORRESPONDIENTE.	Squadrato ISO 13006	±0,3 %	±0,8 mm					±0,10 %		
	DEVIATIONE MASSIMA DI ORTOGONALITÀ IN PERCENTO IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE CORRESPONDENTI MAXIMUM RIGHT-ANGLE DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLERANCE D'ANGULARITÉ EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION / HOCHSTABWEICHUNG DER RECHTHALKEIT IM VERHÄLTNIS ZU DEN ENTSPRECHENDEN HERSTELLUNGS DIMENSIONEN / DESVIACIÓN MÁXIMA DE LA ORTOGONALIDAD EN TANTO POR CIENTO EN RELACION CON EL TAMAÑO DE FABRICACIÓN CORRESPONDIENTE.	Squadrato ISO 13006	±0,3 %	±1,5 mm					±0,20 %		
	PLANARITÀ (CURVATURA DEL CENTRO DELLO SPIGLO E SVERIGLIAMENTO) / FLATNESS (CURVING IN THE MIDDLE, CORNER AND WRAPPING) / PLANÉTÉ (COURBURE CENTRALE, DE L'ARÊTE ET CAUCHÈSSEMENT) / EBNFLACHIGKEIT (KRÜMMUNG DER MITTE, DER KANTE UND VERWINDUNG) / PLANITUD (CURVATURA DEL CENTRO, DE LA ARISTA Y ABAQUILLAMIENTO).	Squadrato ISO 13006	±0,4 %	±1,8 mm					±0,35 %		
	QUALITÀ DELLA SUPERFICIE - SURFACE QUALITY / QUALITÉ DE LA SURFACE - QUALITÄT DER OBERFLÄCHE / CALIDAD DE LA SUPERFICIE.								CONFORME/CONFORMING CONFORME/KONFORM CONFORME		
	MASSA D'ACQUA ASSORBITA IN % / WATER ABSORPTION - MARGE D'EAU ABSORBÉE EN % / WASSERAUFNAHME IN % / MASA DE AGUA ABSORBIDA EN %		Ex 0,5 %						valore medio 0,08 %		ISO 10545-3
	FORZA DI ROTTURA IN N (sp. > 75 mm) - BREAKING STRENGTH IN N (thickness > 75 mm) / FORCE DE RUPTURE EN N (ép. > 75 mm) / BRUCHLAST IN N (Dicke > 75 mm) / FUERZA DE ROTTURA EN N (gr > 75 mm)		≥ 300 N						valore medio 2200 N		ISO 10545-4
	RESISTENZA ALLA FLESSIONE IN N/mm² / FLEXURAL STRENGTH TEST / RESISTANCE À LA FLEXION EN N/mm² / BEUGESTÄRKE IN N/mm² / RESISTENCIA A LA FLEXIÓN EN N/mm²		≥ 35 N/mm²						valore medio 50 N/mm²		ISO 10545-4
	RESISTENZA ALL'ABRAZIONE PROFONDA DELLE PIASTRELLE NON SMALTATE / RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES / RESISTANCE A LA ABRAISON PROFONDE DES CARREAUX NON ÉMAILLÉS / TIEFENABRIESTIGHEIT UNGLASIRTER FLIESEN / RESISTENCIA A LA ABRAICIÓN PROFUNDA DE LAS BALDOZAS SIN ESMALTAR.		< 175 mm³						valore medio 140 mm³		ISO 10545-6
	RESISTENZA AGLI URTO TERMICI / THERMAL SHOCKS RESISTANT / RESISTANCE AUX VARIATIONS THERMIQUES / TEMPERATURWIRKELBESTÄNDIGKEIT / RESISTENCIA AL CHOQUE TÉRMICO.		-						RESISTE - RESISTANT RÉSISTE - ERFÜLLT RESISTE		ISO 10545-9
	RESISTENZA ALLE MACCHIE / RESISTANCE TO STAINING / RESISTANCE AUX TACHES / FLECKENABWEISEND / RESISTENCIA A LAS MANCHAS		Método di prova disponibile Analyse testing method Méthode d'essai disponible Métode de ensayo disponible						Classe 4		ISO 10545-14
	RESISTENZA A BASSE CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTANCE A BASSES CONCENTRATIONS D'ACIDES ET D'ALCALIS / WIDERSTAND GEGEN NIEDRIGE KONZENTRATIONEN VON SÄUREN UND LAUGEN / RESISTENCIA A BAJAS CONCENTRACIONES DE ÁCIDOS Y ALCALIS		COME DICHIARATO DAL PRODUTTORE SEE MANUFACTURER'S DECLARATION SELON DÉCLARATION DU PRODUCTEUR ENTSPRECHEND ERKLÄRT DER HERSTELLER AL COMO DECLARADO FABRICANTE		LB	LB	LA	LA	LA	LA	ISO 10545-13
	RESISTENZA ALTE CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTANCE À HAUTES CONCENTRATIONS D'ACIDES ET D'ALCALIS / WIDERSTAND GEGEN STARKE KONZENTRIERTE SÄUREN UND LAUGEN / RESISTENCIA A ALTAS CONCENTRACIONES DE ÁCIDOS Y ALCALIS				HB	HB	HA	HA	HA	HA	
	RESISTENZA AI PRODOTTI CHIMICI DI USO DOMESTICO E AGLI ADDITIVI PER PISCINA / RESISTENCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS / RESISTANT AUX PRODUITS CHIMIQUES D'USAGE DOMESTIQUE ET AUX ADDITIFS POUR PISCINE / WIDERSTAND GEGEN HAUSHALTSCHENIKALEN UND SCHWIMMBADZUSATZSTOFFEN / RESISTENCIA A PRODUCTOS PARA LIMPIEZA DOMESTICA Y ADITIVOS PARA PISCINAS		B min		A						
	RESISTENZA AL GELO / FROST RESISTANCE - RESISTANCE AU GEL / FROSTSICHERHEIT - RESISTENCIA A LA HELADA		RECHESTA / REQUIRED REQUIRE / GEFORDERT REQUERIDA		RESISTE - RESISTANT RÉSISTE - ERFÜLLT RESISTE						ISO 10545-12
	COEFFICIENTE DI ATTRITO (SCIVOLosità) / FRICTION COEFFICIENT (SLIPPRONESS) / COEFFICIENT DE FRICTION (GLISSÉMENT) / REIBKOEFFIZIENT (SCHLUPFGRAD) - COEFFICIENTE DE ANTI DESLIZAMIENTO									≥ 0,40	METODO BCRA
										≥ 0,42 wet	ANSI A 326.3
		-	6° < α ≤ 10° R9	10° < α ≤ 19° R10	10° < α ≤ 19° R10	10° < α ≤ 19° R10	19° < α ≤ 27° R11			DIN EN 16165 ANNEX B	
		-	-	18° < α < 24° classe B	18° < α < 24° classe B	-	α ≥ 24° classe C		DIN EN 16165 ANNEX A		
		-	-	-	-	-	PTV > 36 WET		BS EN 16165 ANNEX C		

Per un effetto ottimale dalla posa, forn. suggerisce di mantenere 2 mm di fuga per pose monodimensionali e 3 mm per combinare formati misti. / For optimal installation results, form recommends maintaining a joint of 2 mm 150° for single format installations and 3 mm 150° to combine mixed formats. / Pour réaliser une pose parfaite, form suggère de maintenir 2 mm de joint pour la pose des monodimensionnels et 3 mm pour les combinaisons de formats mixtes. / Um einen optimalen Effekt beim Verlegen zu erreichen, empfehlen wir einen kompletten Fugenabstand von 2 mm für einformatige Verlegungen und 3 mm für bei vermischten Verlegungen. / Para lograr los mejores resultados en la posa del producto, form aconseja 2 mm de junta en aplicaciones monodimensionales y 3 mm en combinaciones de formatos mixtos.

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SQUADRATO - SQUARED - EQUARRI - REKTIFIZIERT - ESCUADRADO

6 mm 1/4"



CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS - CARACTERISTIQUES TECHNIQUES - TECHNISCHE EIGENSCHAFTEN - CARACTERÍSTICAS TÉCNICAS										
Laste in gres fine porcellanato non smaltato. Pastiglie di ceramica pressate a secco. Caratteristiche di qualità secondo i test di controllo previsti dalla norma EN 1441-ISO 13006 Appendice G gruppo Bst LUXE / Laste in gres cerame fin non smaltato. Ceramische steineigenschaften gemäß den Normen EN 1441-ISO 13006 Anhang G Gruppe Bst LUXE / Planchas de gres porcelánico fino no esmaltado. Baldosas de cerámica resadas en seco. Características de calidad según las Normas EN 1441-ISO 13006 Apéndice G grupo Bst LUXE.		PRESCRIZIONE STANDARD REQUIREMENTS PRESCRIPTIONS ANFORDERUNGEN PRESCRIPTION		RESULTATI TESTS TEST RESULTS RESULTATS DES ESSAIS PRÜFERERGEBNIS RESULTADOS TESTS				RIFERIMENTO NORMA REFERENCE STANDARDE REFERENCIA NORME STANDARDWERT REFERENCIA NORMA		
		10 > 15, 100								
		(%)	(mm)	matte leather	matte	matte silk	glossy			
	LUNGHEZZA E LARGHEZZA DEVIAZIONE AMMISSIBILE IN % DELLA DIMENSIONE MEDIA DI OGNI PASTIGLIA DALLA DIM. DI FABBRICAZIONE / LENGTH AND WIDTH ADMITTED DEVIATION IN % OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS / LONGUEUR ET LARGEUR MARGE DE TOLÉRANCE EN % ENTRE LA DIMENSION MOYENNE DE CHAQUE CARREAU ET LA DIM. DE FABRICATION / LANGE UND BREITE ZULASSENDE ABWEICHUNG DES DURCHSCHNITTSMASSE JEDE FLIESE VOM HERSTELLMAß IN PROZENTEN / DESVIACIÓN ADMISIBLE EN % DEL TAMAÑO MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACIÓN	Squadro ISO 1006	±0,3 %	±1,0 mm	±0,15 %				ISO 10545-2	
	DEVIAZIONE AMMISSIBILE IN PERCENTO DELLO SPESORE MEDIO DI OGNI PASTIGLIA 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 / ZULASSENDE ABWEICHUNG DER DURCHSCHNITTSDICKEN JEDE FLIESE VOM HERSTELLMAß IN PROZENTEN / DESVIACIÓN ADMISIBLE EN TANTO POR CIENTO DEL GROSOR MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACIÓN	Squadro ISO 1006	±5 %	±0,5 mm	±5 %					
	DEVIAZIONE MASSIMA DI RETTILINEITÀ IN PERCENTO IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE CORRESPONDENTI / MAXIMUM STRAIGHTNESS DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLÉRANCE D'ANGULARITÉ EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION CORRESPONDANTES / ZULASSENDE HOCHSTABWEICHUNG DER KANTENGERADHEIT IM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLMAßEN IN PROZENTEN / DESVIACIÓN MÁXIMA DE LA RECTITUD EN TANTO POR CIENTO EN RELACIÓN CON EL TAMAÑO DE FABRICACIÓN CORRESPONDIENTE	Squadro ISO 1006	±0,3 %	±0,8 mm	±0,10 %					
	DEVIAZIONE MASSIMA DI ORTOGONALITÀ IN PERCENTO IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE CORRESPONDENTI / MAXIMUM RIGHT-ANGLE DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLÉRANCE D'ANGULARITÉ EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION / HOCHSTABWEICHUNG DER RECHTHALBIGKEIT IM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLMAßEN IN PROZENTEN / DESVIACIÓN MÁXIMA DE LA ORTOGONALIDAD EN TANTO POR CIENTO EN RELACIÓN CON EL TAMAÑO DE FABRICACIÓN CORRESPONDIENTE	Squadro ISO 1006	±0,3 %	±1,5 mm	±0,20 %					
	PLANARITÀ CURVATURA DEL CENTRO DELLO SINGOLO E SVERGIAMENTO / FLATNESS CURVING IN THE MIDDLE CORNER AND WARPING / PLANITÉ COURBURE CENTRALE DE LA LÈVRE ET GAUCHISSEMENT / EBENFLÄCHIGKEIT KRÜMMUNG DER MITTE DER KANTE UND VERWINGUNG / PLANITUD CURVATURA DEL CENTRO DE LA ARISTA Y ASQUELAMIENTO	Squadro ISO 1006	±0,4 %	±1,8 mm	±0,20 %					
	QUALITÀ DELLA SUPERFICIE - SURFACE QUALITY / QUALITÉ DE LA SURFACE - QUALITÄT DER OBERFLÄCHE / CALIDAD DE LA SUPERFICIE	Il 95% non delle pastiglie deve essere esente da difetti visibili / At least 95% of the tiles must be free from visible flaws. 95% des carreaux ne doivent présenter aucun défaut visible / Mindestens 95% der Fliesen müssen frei von sichtbaren m.H.V. 95% der baldosas keine von sichtbaren m.H.V.				CONFORME/CONFORMING CONFORME/KONFORM/CONFORME				
	MASSA D'ACQUA ASSORBITA IN % / WATER ABSORPTION - MARGE D'EAU ABSORBÉE EN % / WASSERHALTFÄHIGKEIT IN % / MASA DE AGUA ABSORBIDA EN %		< 0,5 %	valore medio 0,08 %				ISO 10545-3		
	FORZA DI ROTTURA IN N kp ± 75 mm - BREAKING STRENGTH IN N (breakdown ± 75 mm) / FORCE DE RUPTURE EN N (kp ± 75 mm) / BRUCHLAST IN N (kp ± 75 mm) / FUERZA DE RUTURA EN N (kp ± 75 mm)		≥ 700 N	valore medio 1350 N				ISO 10545-4		
	RESISTENZA ALLA FLESSIONE IN N/mm² / N/mm² FLEXURAL STRENGTH TEST / RESISTANCE A LA FLEXION EN N/mm² / BEIEGESTIGKEIT IN N/mm² / RESISTENCIA A LA FLEXIÓN EN N/mm²		>35 N/mm²	valore medio 52 N/mm²				ISO 10545-4		
	RESISTENZA ALL'ABRAZIONE PROFONDA DELLE PASTIGLIE NON SMALTATE / RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES / RESISTANCE A L'ABRASION PROFONDE DES CARREAUX NON ÉMAILLÉS / TIEFENABRIESTIGKEIT UNGLASIERTE FLIESEN / RESISTENCIA A LA ABRASION PROFUNDA DE LAS BALDOSAS SINFALTADAS		<175 mm³	valore medio 140 mm³				ISO 10545-6		
	RESISTENZA AGLI SCALZI TERMICI / THERMAL SHOCKS RESISTANT / RESISTANCE AUX VARIATIONS THERMIQUES TEMPÉRATURECHOCKRESISTÄNDIGKEIT / RESISTENCIA AL CHOQUE TÉRMICO		-	RESISTE/RESISTANT RÉSISTE/ERFÜLLT/RESISTE				ISO 10545-9		
	RESISTENZA ALLE MACCHIE / RESISTANCE TO STAINING / RESISTANCE AUX TACHES / FLIEßENABWEISEND RESISTENCIA A LAS MANCHAS	Metodo di prova disponibile Available testing method Méthode d'essai disponible Verfügbare Prüfmethode Método de ensayo disponible		Classe 4-5				ISO 10545-14		
	RILASCIO DI SOSTANZE PERICOLOSE / RELEASE OF HAZARDOUS SUBSTANCES / RÉJET DE SUBSTANCES DANGÉREUSES / FREISETZUNG GEFAHRLICHER STOFFE / LIBERACIÓN DE SUSTANCIAS PELIGROSAS / CADMIO (in mg/100g) - ROMBO (in mg/100g)			CONFORME/CONFORMING CONFORME/KONFORM/CONFORME				DM-1-2-2007-Reg-CE-1935-2004		
	RESISTENZA A BASSE CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTANCE A BASSES CONCENTRATIONS D'ACIDES ET D'ALCALS / WIDERSTAND GEGEN NIEDRIGE KONZENTRATIONEN VON SÄUREN UND LAUGEN / RESISTENCIA A BAJAS CONCENTRACIONES DE ÁCIDOS Y ALCALIS	COME DICHIARATO DAL PRODUTTORE SEE MANUFACTURERS DECLARATION SELON DÉCLARATION DU PRODUCTEUR ENTSPRECHEND DER HERSTELLERANGABEN TAL COMO DECLARA EL FABRICANTE		LA	LA	LB	LB	ISO 10545-13		
	RESISTENZA ALTE CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTANCE A HAUTES CONCENTRATIONS D'ACIDES ET D'ALCALS / WIDERSTAND GEGEN STARKE KONZENTRATIONEN VON SÄUREN UND LAUGEN / RESISTENCIA A ALTAS CONCENTRACIONES DE ÁCIDOS Y ALCALIS			HA	HA	HB	HB			
	RESISTENZA AI PRODOTTI CHIMICI DI USO DOMESTICO E AGLI ADDITIVI PER PISCINA / RESISTANCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS / RESISTANT AUX PRODUITS CHIMIQUES À USAGE DOMESTIQUE ET AUX ADDITIFS POUR PISCINE / WIDERSTAND GEGEN HAUSHALTSCHIMIKALIEN UND SCHWIMMBADZUSATZSTOFFEN / RESISTENCIA A PRODUCTOS PARA LIMPIEZA DOMESTICA Y ADITIVOS PARA PISCINAS	B min	A							
	RESISTENZA AL GELO / FROST RESISTANCE - RESISTANCE AU GEL / FROSTRESISTENZ - RESISTENCIA A LA HELADA	RICHIESTA / REQUIRED REQUIS / GEFORDET / REQUERIDA		RESISTE/RESISTANT RÉSISTE/ERFÜLLT/RESISTE				ISO 10545-12		
	COEFFICIENTE D'ATTRIZIONE / COEFFICIENT OF FRICTION / COEFFICIENT DE SUPERFROT / COEFFICIENT DE FRICTION / EQUIPAMIENTO / REIBUNGSKOEFFICIENT / SCHLUPFRESIST. / COEFFICIENTE DE ANTIDESLIZAMIENTO			> 0,40	> 0,40	> 0,40	-	METODO BCRA		
				> 0,42 wet	> 0,42 wet	> 0,42 wet	-	ANSI A 328.3		
				10° ≤ α ≤ 19° R10	10° ≤ α ≤ 19° R10	8° ≤ α ≤ 10° R9	-	DIN EN 13655 ANNEX B		
				18° ≤ α ≤ 24° classe B	18° ≤ α ≤ 24° classe B	-	-	DIN EN 13655 ANNEX A		

Manufacturer Details:

European Ceramics Approved

BPIR COMPLIANT

Importer Details:

European Ceramic Tiles Ltd

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NZBN: 9429037294571

Website: euroceramics.co.nz

AUTHENTIC LUXE

GRES FINE PORCELLANATO/FINE PORCELAIN STONEWARE/GRES CERAME FIN/FEINSTEINZEUG-KOLLEKTIONEN/GRES PORCELANICO FINO
SQUADRATO - SQUARED - EQUARRI - REKTIFIZIERT - ESQUADRADO

20 mm 3/4"

CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS - CARACTERISTIQUES TECHNIQUES - TECHNISCHE EIGENSCHAFTEN - CARACTERÍSTICAS TÉCNICAS						
Lastre in gres fine porcellanato non smaltato. Pastrelle di ceramica pressate a secco. Caratteristiche di qualità secondo i test di controllo previsti dalla norma EN 1441-ISO 13006 Appendice G gruppo B1a UGL / Unglazed porcelain stoneware slabs. Dry-pressed ceramic tiles. Quality specifications, according to control tests of EN 1441-ISO 13006 Appendice G group B1a UGL. / Outils en gres céramique fin non émaillé. Carreaux céramiques pressés à sec. Caractéristiques de qualité d'après les essais de contrôle norme EN 1441-ISO 13006 Appendice G groupe B1a UGL / Nicht glasierte und vollständig gepresste Feinsteinzeugplatten. Trocken gepresste Keramikfliesen. Qualitätsvorgaben nach Normen EN 1441-ISO 13006 Anhang G Gruppe B1a UGL / Píntechas de gres porcelánico fino no esmaltado. Baldosas de cerámica remadas en seco. Características de calidad según las Normas EN 1441-ISO 13006 Apéndice G grupo B1a UGL.		PRESCRIZIONE STANDARD REQUIREMENTS PRESCRIPTIONS ANFORDERUNGEN PRESCRIPTION		RISULTATI TESTS TEST RESULTS RESULTATS DES ESSAIS PRÜFERERGEBNISSE RESULTADOS TESTS	REFERIMENTO NORMA REFERENCE STANDARD RÉFÉRENCE NORME STANDARTWERT REFERENCIA NORMA	
		N > 15 cm				
		(%)	(mm)	g/g		
	LUNGHEZZA E LARGHEZZA: DEVIAZIONE AMMISSIBILE IN % DELLA DIMENSIONE MEDIA DI OGNI PASTRELLA DALLA DIM. DI FABBRICAZIONE / LENGTH AND WIDTH: ADMITTED DEVIATION IN % OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS / LONGUEUR ET LARGUEUR: MARGE DE TOLÉRANCE EN % ENTRE LA DIMENSION MOYENNE DE CHAQUE CARREAU ET LA DIM. DE FABRICATION / LÄNGE UND BREITE: ZULÄSSIGE ABWEICHUNG DES DURCHSCHNITTSMASSE JEDER FLIESE VOM HERSTELLMAß IN PROZENTEN / LARGO Y ANCHO: DESVIACIÓN ADMISIBLE EN % DEL TAMAÑO MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACIÓN	Squadrato ISO 13006	±0,3 %	±10 mm	±0,75 %	ISO 10545-2
	DEVIAZIONE AMMISSIBILE, IN PERCENTO DELLO SPESORE MEDIO DI OGNI PASTRELLA 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 HOCHSTABWEICHUNG DER DÜRCHSCHNITTSTÄRKE JEDER FLIESE VOM HERSTELLMAß IN PROZENTEN / DESVIACIÓN ADMISIBLE EN TANTO POR CIENTO DEL GROSOR MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACIÓN	Squadrato ISO 13006	±5 %	±0,5 mm	±5 %	
	DEVIAZIONE MASSIMA DI RETTILINEITÀ, IN PERCENTO, IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE CORRESPONDENTI / MAXIMUM STRAIGHTNESS DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLÉRANCE DE RECTITUDE EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION CORRESPONDANTES / ZULÄSSIGE HOCHSTABWEICHUNG DER KANTENGERADHEIT IM VERHÄLTNIS ZU DEN ENTSPRECHENDEN HERSTELLMAßEN IN PROZENTEN / DESVIACIÓN MÁXIMA DE RECTITUD EN TANTO POR CIENTO EN RELACIÓN CON EL TAMAÑO DE FABRICACIÓN CORRESPONDIENTE	Squadrato ISO 13006	±0,3 %	±0,8 mm	±0,10 %	
	DEVIAZIONE MASSIMA DI ORTOGONALITÀ, IN PERCENTO, IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE CORRESPONDENTI / MAXIMUM RIGHT-ANGLE DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLÉRANCE D'ANGLE EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION / HOCHSTABWEICHUNG DER RECHTUNGLARKEIT IM VERHÄLTNIS ZU DEN ENTSPRECHENDEN HERSTELLMAßEN IN PROZENTEN / DESVIACIÓN MÁXIMA DE LA ORTOGONALIDAD EN TANTO POR CIENTO EN RELACIÓN CON EL TAMAÑO DE FABRICACIÓN CORRESPONDIENTE	Squadrato ISO 13006	±0,3 %	±1,5 mm	±0,2 %	
	PLANARITÀ (CURVATURA DEL CENTRO DELLO SGUOLO E SVERGOLAMENTO) / FLATNESS (CURVING IN THE MIDDLE, CORNER AND WARPING) / PLANÉTÉ (COUBURE CENTRALE, DE L'ARÊTE ET GAUCHESSEMENT) / EBENFLÄCHIGKEIT (FLÄHMUNG DER MITTE, DER KANTE UND VERWÖGUNG) / PLANITUD (CURVATURA DEL CENTRO DE LA ARISTA Y ABRAQUILLAMIENTO)	Squadrato ISO 13006	±0,4 %	±1,8 mm	±0,35 %	
QUALITÀ DELLA SUPERFICIE - SURFACE QUALITY / QUALITÉ DE LA SURFACE - QUALITÄT DER OBERFLÄCHE / CALIDAD DE LA SUPERFICIE		I 95% min delle pastrelle deve essere esente da difetti visibili / At least 95% of the tiles must be free from visible flaws. 95% min des carreaux ne doivent présenter aucun défaut visible. Mindestens 95% der Fliesen müssen frei von sichtbaren m.f.d. 95% de las baldosas tiene que estar exento de defectos visibles.		CONFORME/CONFORMING CONFORME/KONFORM CONFORME		
	MASSA D'ACQUA ASSORBITA IN % / WATER ABSORPTION - MASSE D'EAU ABSORBÉE EN % / WASSERAUFNAHME IN % / MASSA DE AGUA ABSORBIDA EN %		Es0,5 %		valore medio 0,08 %	ISO 10545-3
	FORZA DI ROTTURA IN N (sp. > 75 mm) - BREAKING STRENGTH IN N (thickness > 75 mm) / FORCE DE RUPTURE EN N (sp. > 75 mm) / BRUCHLAST IN N (Dicke > 75 mm) / FUERZA DE ROTURA EN N (gr. > 75 mm)		≥1300 N		valore medio 12000 N	ISO 10545-4
	RESISTENZA ALLA FLESSIONE IN N/mm² / FLEXURAL STRENGTH TEST / RESISTANCE A LA FLEXION EN N/mm² / BEUGESTÄRKE IN N/mm² / RESISTENCIA A LA FLEXIÓN EN N/mm²		>35 N/mm²		valore medio 52 N/mm²	ISO 10545-4
	RESISTENZA ALL'ABRAZIONE PROFONDA DELLE PASTRELLE NON SMALTATE / RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES / RESISTANCE A L'ABRASION PROFONDE DES CARREAUX NON ÉMAILLÉS / TIEFTUNDRABESTÄNDIGKEIT UNGLASERTER FLIESEN / RESISTENCIA A LA ABRASIÓN PROFUNDA DE LAS BALDOSAS SIN ESMALTAR		<175 mm³		valore medio 140 mm³	ISO 10545-6
	RESISTENZA AGLI SQUALZI TERMICI / THERMAL SHOCKS RESISTANT / RESISTANCE AUX VARIATIONS THERMIQUES / TEMPERATURWECHSELSTÄNDIGKEIT / RESISTENCIA AL CHOQUE TÉRMICO		-		RESISTE - RÉSISTANT RESISTE - ERFÜLLT RESISTE	ISO 10545-9
	RESISTENZA ALLE MACCHIE / RESISTANCE TO STAINING / RÉSISTANCE AUX TACHES / FLECKENABWEISEND / RESISTENCIA A LAS MANCHAS		Método di prova disponibile Available testing method Méthode d'essai disponible Verfügbare Prüfmethode Método de ensayo disponible		Classe 4	ISO 10545-14
	RESISTENZA A BASSE CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTANCE A BASES: CONCENTRATIONS D'ACIDES ET D'ALCALS / WIDERSTAND GEGEN NIEDRIGE KONZENTRATIONEN VON SÄUREN UND LAUGEN / RESISTENCIA A BAJAS CONCENTRACIONES DE ÁCIDOS Y ALCALIS		COME DICHIARATO DAL PRODUTTORE SEE MANUFACTURERS DECLARATION SELON DÉCLARATION DU PRODUCTEUR ENTSPRECHEND DER HERSTELLERERKLÄRUNG SAL COMO DECLARADO EL FABRICANTE		HA	ISO 10545-13
	RESISTENZA A ALTE CONCENTRAZIONI DI ACIDI ED ALCALI / RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTANCE À HAUTES CONCENTRATIONS D'ACIDES ET D'ALCALS / BESTÄNDIGKEIT GEGEN STARK KONZENTRIERTE SÄUREN UND LAUGEN / RESISTENCIA A ALTAS CONCENTRACIONES DE ÁCIDOS Y ALCALIS				LA	
	RESISTENZA AI PRODOTTI CHIMICI DI USO DOMESTICO E AGLI ADITTIVI PER PISCINA / RESISTENCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS / RESISTANT AUX PRODUITS CHIMIQUES À USAGE DOMESTIQUE ET AUX ADITIFS POUR PISCINE / WIDERSTAND GEGEN HAUSHALTSCHIMIKALIEN UND SCHWIMMBADGEBRAUCHSSTOFFEN / RESISTENCIA A PRODUCTOS PARA LIMPIEZA DOMESTICA Y ADITIVOS PARA PISCINAS		B min		A	
	RESISTENZA AL GELD / FROST RESISTANCE - RESISTANCE AU GEL / FROSTSICHERHEIT - RESISTENCIA A LA HELADA		RICHIESTA / REQUIRED REQUIRE / GEFORDERT REQUERIDA		RESISTE - RÉSISTANT RESISTE - ERFÜLLT RESISTE	ISO 10545-12
	COEFFICIENTE DI ATTRITO (SCIVOLOSITÀ) / FRICTION COEFFICIENT (SLIPPERINESS) / COEFFICIENT DE FRICTION (GLISSEMENT) / REIBUNGSKOEFFIZIENT (SCHLEIFFÄHIGKEIT) - COEFFICIENTE DE ANTI DESLIZAMIENTO			> 0,40	METODO BCRA	
				> 0,42 wet	ANSI A 326.3	
				19° < α ≤ 27° R11	DIN EN 16165 ANNEX B	
				α ≥ 24° classe C	DIN EN 16165 ANNEX A	

Per un effetto ottimale della posa, forn suggerisce di mantenere 2 mm di fuga per pose monofornate e 3 mm per combinare formati misti. / For optimal installation results, forn recommends maintaining a joint of 2 mm 1/32" for single format installations and 3 mm 1/16" for combined mixed formats. / Pour réaliser une pose parfaite, forn suggère de maintenir 2 mm de joint pour la pose des monofornats, et 3 mm pour les combinaisons de formats mixtes. / Um einen optimalen Effekt beim Verlegen zu erzielen, empfiehlt forn eine 2 mm Fuge bei einformatigen Verlegungen und 3 mm Fuge bei Formatkombinationen. / Para lograr los máximos resultados en la posa del producto, forn aconseja 2 mm de junta en aplicaciones monofornato y 3 mm en combinaciones de formatos mixtos.

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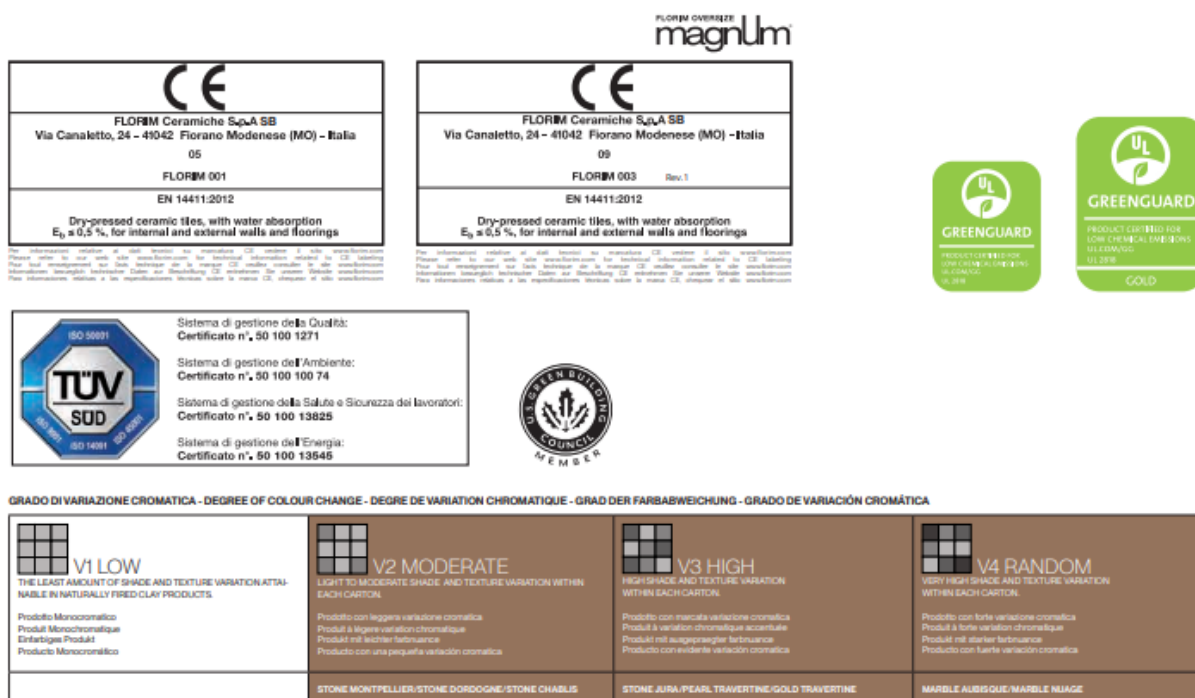
Importer Details:

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NZBN: 9429037294571

Website: euroceramics.co.nz



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 physio-characteristics of fire resistance for tiles please refer to the Technical Documents section on euroceramics.co.nz

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