



European  
Ceramics

## AUTHENTIC LUXE RANGE

Product Name: **AUTHENTIC LUXE - 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%.

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](http://euroceramics.co.nz)

<b>Scope</b>	<b>Use</b>
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.

<b>Suitability *</b>	<b>Residential</b>	<b>Light Commercial</b>	<b>Commercial</b>
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 - EQLIARRI - REKTIFIZIERT - ESQUADRADO

9 mm 3/8" 

CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS - CARACTERISTIQUES TECHNIQUES - TECHNISCHE EIGENSCHAFTEN - CARACTERÍSTICAS TÉCNICAS		PRESCRIZIONE STANDARD REQUIREMENTS ANFORDERUNGEN PRESCRIPTION		RISULTATI TESTS TEST RESULTS RESULTATS DES ESSAIS PROF ERGEBNIS RESULTADOS TESTS						REFERIMENTO NORMA REFERENCE STANDARD STANDARDREKT REFERENCIA NORMA	
		N 2: 10, 20m									
		(%)	(mm)	glossy	matte alk.	matte leather	matte	carroté	grt		
<p>Lunghezza e larghezza deviazione ammissibile in % della dimensione media di ogni pastrella dalla D.M. di fabbricazione / Length and width admitted deviation in % of the average size of each tile from the production dimensions / Longeur et largeur / marge de tolérance en % entre la dimension moyenne de chaque carreau et la D.M. de fabrication / Länge und breite zulässige Abweichung des einzelnen Mittmaßes jeder Fliese vom Herstellmaß in Prozenten / Largo y ancho / desviación admisible en % del tamaño medio de cada baldosa a partir del tamaño de fabricación.</p> <p>Deviazione ammissibile in percento dello spessore 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 Abweichung der Durchschnittsdicke jeder Fliese vom Herstellmaß in Prozenten / Desviación admisible en tanto por ciento del grosor medio de cada baldosa a partir del tamaño de fabricación.</p> <p>Deviazione massima di rettilineità in percento in rapporto alle dimensioni di fabbricazione corrispondenti / 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 Höchstabweichung 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.</p> <p>Deviazione massima di ortogonalità in percento in rapporto alle dimensioni di fabbricazione corrispondenti / 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 / Höchstabweichung der Rechtwinkligkeit im Verhältnis zu den entsprechenden Herstellmaßen in Prozenten / Desviación máxima de ortogonalidad en tanto por ciento en relación con el tamaño de fabricación correspondiente.</p> <p>Planarità (curvatura del centro dello specchio e svergolamento) / Flatness (curving in the middle, corner and warping) / Planéité (courbure centrale, de la tête et calchissement) / Ebenflächigkeit (Wölbung der Mitte, der Kante und Verwölbung) / Planitud (curvatura del centro de la arista y abarquilamiento).</p>	<p>Quadrato ISO 13006</p> <p>Quadrato ISO 0006</p> <p>Quadrato ISO 13006</p> <p>Quadrato ISO 13006</p> <p>Quadrato ISO 13006</p>	<p>±0,3 %</p> <p>±0,5 mm</p> <p>±0,3 %</p> <p>±0,3 %</p> <p>±0,4 %</p>	<p>±10 mm</p> <p>±0,5 mm</p> <p>±0,8 mm</p> <p>±1,5 mm</p> <p>±1,8 mm</p>	<p>CONFORME/CONFORMING CONFORME/KONFORM CONFORME</p>						ISO 10545-2	
	<p>QUALITÀ DELLA SUPERFICIE - SURFACE QUALITY / QUALITÉ DE LA SURFACE - QUALITÄT DER OBERFLÄCHE / CALIDAD DE LA SUPERFICIE.</p>	<p>Il 95% min delle pastrelle deve essere esente da difetti visibili. Al 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 mangeln sein. 95% de las baldosas tiene que estar exentas de defectos visibles.</p>			<p>CONFORME/CONFORMING CONFORME/KONFORM CONFORME</p>						
	<p>MASSA D'ACQUA ASSORBITA IN % / WATER ABSORPTION - MARGE D'EAU ABSORBÉE EN % / WASSERAUFNAHME IN % / MASA DE AGUA ABSORBIDA EN %</p>	<p>Es 0,5 %</p>			<p>valore medio 0,08 %</p>						ISO 10545-3
	<p>FORZA DI ROTTURA IN N (sp &gt; 75 mm) - BREAKING STRENGTH IN N (thickness &gt; 75 mm) / FORCE DE RUPTURE EN N (sp &gt; 75 mm) / BRUCHLAST IN N (Dicke &gt; 75 mm) / FUERZE DER ROTTURA EN N (gr &gt; 75 mm)</p>	<p>≥ 300 N</p>			<p>valore medio 2200 N</p>						ISO 10545-4
	<p>RESISTENZA ALLA FLESSIONE IN N/mm² / N/mm² FLEXURAL STRENGTH TEST / RESISTANCE À LA FLEXION EN N/mm² / BEUGESTÄRKE IN N/mm² / RESISTENCIA A LA FLEXIÓN EN N/mm²</p>	<p>&gt; 35 N/mm²</p>			<p>valore medio 50 N/mm²</p>						ISO 10545-4
<p>RESISTENZA ALL'ABRAZIONE PROFONDA DELLE PASTRELLE NON SMALTATE / RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES / RESISTANCE À L'ABRASION PROFONDE DES CARREAUX NON ÉMAILLÉS / WIDERSTAND GEGEN TIEFENREIBUNG UNGLAZIERTER FLIESEN / RESISTENCIA A LA ABRASIÓN PROFUNDA DE LAS BALDOSAS SIN ESMALTAR</p>	<p>&lt; 175 mm³</p>			<p>valore medio 140 mm³</p>						ISO 10545-6	
<p>RESISTENZA AGLI SBALZI TERMICI / THERMAL SHOCKS RESISTANT / RESISTANCE AUX VARIATIONS THERMIQUES TEMPÉRATURECH / BESTÄNDIGKEIT / RESISTENCIA AL CHOQUE TÉRMICO</p>	-			<p>RESISTE - RESISTANT RÉSISTE - ERFÜLLT RESISTE</p>						ISO 10545-9	
<p>RESISTENZA ALLE MACCHIE / RESISTANCE TO STAINING / RESISTANCE AUX TACHES / FLECKENABWEISEND / RESISTENCIA A LAS MANCHAS</p>	<p>Metodo di prova disponibile / Analyse testing method / Méthode d'essai disponible / Analyseprüfungsmethode / Método de ensayo disponible</p>			<p>Classe 4</p>						ISO 10545-14	
<p>RESISTENZA A BASSE CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTANCE À BASSES CONCENTRATIONS D'ACIDES ET D'ALCALIS / WIDERSTAND GEGEN NIEDRIGE KONZENTRATIONEN VON SÄUREN UND LAUGEN / RESISTENCIA A BAJAS CONCENTRACIONES DE ÁCIDOS Y ALKALIS</p> <p>RESISTENZA ALTE CONCENTRAZIONI DI ACIDI ED ALCALI / RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALI / RESISTANCE À HAUTES CONCENTRATIONS D'ACIDES ET BASES / BESTÄNDIGKEIT GEGEN STARKE KONZENTRIERTE SÄUREN UND LAUGEN / RESISTENCIA A ALTAS CONCENTRACIONES DE ÁCIDOS Y ALCALIS</p>	<p>COME DICHIARATO DAL PRODUTTORE / SEE MANUFACTURERS DECLARATION / SELON DÉCLARATION DU PRODUCTEUR / ENTSPRECHEND DER HERSTELLERANGABEN / TAL COMO DECLARAR EL FABRICANTE</p>			LB	LB	LA	LA	LA	LA	ISO 10545-13	
<p>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 À USAGE DOMESTIQUE ET AUX ADDITIFS POUR PISCINE / WIDERSTAND GEGEN HAUSHAUSHALTSCHIMIKALIEN UND SCHWIMMBADZUSATZSTOFFEN / RESISTENCIA A PRODUCTOS PARA LIMPIEZA DOMÉSTICA Y ADITIVOS PARA PISCINAS</p>	<p>B min</p>			<p>A</p>							
<p>RESISTENZA AL GELO / FROST RESISTANCE - RESISTANCE AU GEL / FROSTSICHERHEIT - RESISTENCIA A LA HELADA</p>	<p>RECHTSA / REQUIRED REQUIRE / BEFORDERT REQUERIDA</p>			<p>RESISTE - RESISTANT RÉSISTE - ERFÜLLT RESISTE</p>						ISO 10545-12	
<p>COEFFICIENTE DI ATTRITO (SCIVOLATA) / FRICTION COEFFICIENT (SLIPRESIST) / COEFFICIENT DE FRICTION (GLISSMENT) / REIBKOEFFIZIENT (SCHLUPFGRAD) - COEFICIENTE DE ANTI DESLIZAMIENTO</p>				<p>&gt; 0,40</p>						METODO BCRA	
				<p>&gt; 0,42 wet</p>						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 12605 ANNEX B		
				-	19° < α < 24° classe B	19° < α < 24° classe B	-	α > 24° classe C	DIN EN 12605 ANNEX A		
			-	-	-	-	-	BS EN 12605 ANNEX C			

Per un effetto ottimale dalla posa, fornire applicazioni di mantenersi 2 mm di fuga per pose monocolorate e 3 mm per combinare formati misti. / For optimal installation results, form recommend maintaining a joint of 2 mm for single format installation and 3 mm for combine mixed formats. / Pour réaliser un pose parfaite, nous suggère de maintenir 2 mm de joint pour la pose des monocolorés et 3 mm pour les combinaisons de formats mixtes. / Um einen optimalen Effekt beim Verlegen zu erreichen empfehlen wir einen 2 mm Fuge bei einfarbigen Verlegungen und 3 mm Fuge bei Formalkombinationen. / Para lograr los mejores resultados en la posa del producto, form aconseja 2 mm de junta en aplicaciones monocoloradas y 3 mm en combinaciones de formatos mixtos.













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 SQUADRATO - SQUARED - EQLJARRI - REKTIFIZIERT - ESCUADRADO

6 mm 1/4"

CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS - CARACTERISTIQUES TECHNIQUES - TECHNISCHE EIGENSCHAFTEN - CARACTERÍSTICAS TÉCNICAS		PRESCRIZIONE STANDARD REQUIREMENTS ANFORDERUNGEN PRESCRIPTION		RESULTATI TESTS TEST RESULTS RESULTATS DES ESSAIS PRÜFERERGEBNIS RESULTADOS TESTS				REFERIMENTO NORMA REFERENCE STANDARD REFERENCIA NORMA REFERENCIA NORMATIVA		
		(%)	(mm)	matte leather	matte	matte silk	glossy			
	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 LARGEUR / MARGE DE TOLERANCE EN % ENTRE LA DIMENSION MOYENNE DE CHAQUE CARREAU ET LA DIM. DE FABRICATION / LÄNGE UND BREITE ZULASSENDE ABWEICHUNG DES DURCHSCHNITTLICHEN JEDES FLIESES VOM HERSTELLUNGSMAß IN PROZENTEN / ANCHO Y ANCHURA DESVIACION ADMISIBLE EN % DEL TAMAÑO MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACION	Squadrato ISO 10006	±0,3 %	±10 mm				±0,15 %	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 DIMENSION / MARGE DE TOLERANCE EN POURCENTAGE ENTRE L'ÉPAISSEUR MOYENNE DE CHAQUE CARREAU ET LA DIMENSION DE FABRICATION / ZULASSE ABWEICHUNG DER DURCHSCHNITTLICHEN JEDES FLIESES VOM HERSTELLUNGSMAß IN PROZENTEN / DESVIACION ADMISIBLE EN TANTO POR CIENTO DEL GROSOR MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACION	Squadrato ISO 10006	±5 %	±0,5 mm						±5 %
	DEVIAZIONE MASSIMA DI RETTILINEARITÀ IN PERCENTO IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE CORRESPONDENTI / MAXIMUM STRAIGHTNESS DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLERANCE EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION CORRESPONDANTES / ZULASSE HOCHABWEICHUNG DER KANTENGERADHEIT IM VERHÄLTNIS ZU DEN ENTSPRECHENDEN HERSTELLUNGSMAßEN IN PROZENTEN / DESVIACION MÁXIMA DE RECTITUD EN TANTO POR CIENTO EN RELACION CON EL TAMAÑO DE FABRICACION CORRESPONDIENTE	Squadrato ISO 10006	±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 TOLERANCE D'ANGULARITÉ EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION / HOCHABWEICHUNG DER RECHTWINKELIGKEIT IM VERHÄLTNIS ZU DEN ENTSPRECHENDEN HERSTELLUNGSMAßEN IN PROZENTEN / DESVIACION MÁXIMA DE LA ORTOGONALIDAD EN TANTO POR CIENTO EN RELACION CON EL TAMAÑO DE FABRICACION CORRESPONDIENTE	Squadrato ISO 10006	±0,5 %	±1,5 mm						±0,20 %
	PLANARITÀ CURVATURA DEL CENTRO DELLO SPINGOLO E SVERGIAMENTI / FLATNESS CURVING IN THE MIDDLE CORNER AND WARPING / PLANITÉ COURBURE CENTRALE DE L'ARÊTE ET GAUCHÈGEMENTS / EBENFLÄCHIGKEIT KRÜMMUNG DER MITTE DER KANTE UND VERWÖRUNG / PLANITUD CURVATURA DEL CENTRO DE LA ARISTA Y ANWÄLLENMENTO	Squadrato ISO 10006	±0,4 %	±1,8 mm						±0,20 %
QUALITÀ DELLA SUPERFICIE - SURFACE QUALITY / QUALITÉ DE LA SURFACE - QUALITÄT DER OBERFLÄCHE / CALIDAD DE LA SUPERFICIE	1 90% non zelle pannello deve essere curato da altri esaltati / At least 90% of the tiles must be free from visible flaws. 95% non des carreaux ne doivent présenter aucun défaut visible. / Mindestens 95% der Fliesen müssen frei von sichtbaren mün. / El 95% de los baldosos tiene que estar exento de defectos visibles.		CONFORME/CONFORMING CONFORME/KONFORM/CONFORME							
 MASSA D'ACQUA ASSORBITA IN % / % WATER ABSORPTION - MARGE D'EAU ABSORBÉE EN % / WASSERANNAHME IN % / MARGA 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 (kp) > 75 mm / FORCE DE RUPTURE EN N (kp) > 75 mm / BRUCHLAST IN N (kp) > 75 mm / FUERZA DE ROTURA EN N (kp) > 75 mm			≥ 700 N					valore medio 1250 N	ISO 10545-4	
 RESISTENZA ALLA FLESSIONE IN N/mm² / FLEXURAL STRENGTH TEST / RESISTANCE A LA FLEXION EN N/mm² / BEGESTÄRKEIT IN N/mm² / RESISTENCIA A LA FLEXION 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 / RESISTENCIA A LA ABRASION PROFUNDA DE LAS BALDOSAS SIN SMALTADO / TIEFENABRÄSIOHRESISTENZ UNGLASIERTE FLIESEN / RESISTENCIA A LA ABRASION PROFUNDA DE LAS BALDOSAS SIN SMALTADO			< 175 mm³					valore medio 140 mm³	ISO 10545-6	
 RESISTENZA AGLI SHOCK TERMICI / THERMAL SHOCKS RESISTANT / RESISTANCE AUX VARIATIONS THERMIQUES TEMPÉRATUREMECHSELSTÄNDIGKEIT / RESISTENCIA AL CHOQUE TERMICO								RESISTE/RESISTANT RESISTE/ERFÜLLT/RESISTE	ISO 10545-9	
 RESISTENZA ALLE MACCHIE / RESISTANCE TO STAINING / RESISTANCE AUX TACHES / FLECKENWESEND / RESISTENCIA A LAS MANCHAS			Metodo di prova disponibile Available testing method Methode de essai disponible Verfügbare Prüfverfahren Método de ensayo disponible					Classe 4-5	ISO 10545-14	
 RILASCIO DI SOSTANZE PERICOLOSE / RELEASE OF HAZARDOUS SUBSTANCES / REJET DE SUBSTANCES DANGEREUSES / FREISETZUNG GEFAHRLICHER STOFFE / LIBERACION DE SUSTANCIAS PELIGROSAS / CADMIO (in mg/m²) - RÖHMIO (in mg/m²)			VALORE DICHIARATO PER SUPERFICIE GL. CON ABBRIGHI SU PIANI DI LAVORO / DECLARED VALUE FOR GL SURFACES USED ON WORKTOPS / VALEUR DÉCLARÉE POUR SURFACES GL UTILISÉES SUR PLANS DE TRAVAIL / ANGEGEBENER WERT FÜR GL OBERFLÄCHEN ZUM GEBRAUCH ALS ARBEITSPLATTEN / VALOR DECLARADO PARA ACABADOS GL UTILIZADOS PARA SUPERFICIES DE TRABAJO					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 / RESISTENCIA A BAJAS CONCENTRACIONES DE ACIDOS Y ALCALIS / WIDERSTAND GEGEN NIEDRIGE KONZENTRATIONEN VON SÄUREN UND LAUGEN / RESISTENCIA A BAJAS CONCENTRACIONES DE ACIDOS Y ALCALIS					LA	LA	LB	LB	ISO 10545-13	
	RESISTENZA ALTE CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTENCIA A ALTAS CONCENTRACIONES DE ACIDOS Y ALCALIS / WIDERSTAND GEGEN HOHE KONZENTRATIONEN VON SÄUREN UND LAUGEN / RESISTENCIA A ALTAS CONCENTRACIONES DE ACIDOS 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 REQUISIT / GEFORDET / REQUERIDA					RESISTE/RESISTANT RESISTE/ERFÜLLT/RESISTE	ISO 10545-12	
 COEFFICIENTE D'ATTRIZIONE / SKIVOLYKOR / FRICTION COEFFICIENT / SUPERFENESS / COEFFICIENT DE FRICTION / EQUIPAMIENTO / REIBUNGSKOEFFIZIENT / SCHLUPFGRADIGKEIT - COEFFICIENTE DE ANTIDESPLAZAMIENTO					> 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  
 Address: 7A Cowley Place, Rosedale, AKL 0632  
 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 - ESCUADRADO

20 mm 3/4" ↑↓

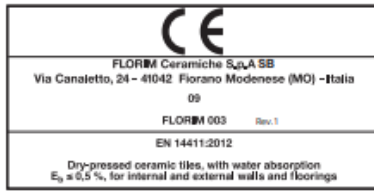
CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS - CARACTERISTIQUES TECHNIQUES - TECHNISCHE EIGENSCHAFTEN - CARACTERÍSTICAS TÉCNICAS						
Laste in gres fine porcellanato non smaltato. Piastrelle di ceramica pressate a secco. Caratteristiche di qualità secondo i test di controllo previsti dalla norma EN 1441-ISO 13006 Appendice G gruppo Bia LUGL / Unglazed porcelain stoneware slabs. Dry-pressed ceramic tiles. Quality specifications, according to control tests of EN 1441-ISO 13006 Appendice G group Bia LUGL / Dalles en gres cérame fin non émailé. Carreaux céramiques pressés à sec. Caractéristiques de qualité d'après les essais de contrôle norme EN 1441-ISO 13006 Appendice G groupe Bia LUGL / Nicht glasierte und vollständig gesinterte Feinsteinzeugplatten. Trocken gepresste Keramikfliesen. Qualitätsangaben nach Normen EN 1441-ISO 13006 Anhang G Gruppe Bia LUGL / 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 Bia LUGL.						
		PRESCRIZIONE STANDARD REQUIREMENTS PRESCRIPTIONS ANFORDERUNGEN PRESCRIPTION	RISULTATI TESTS TEST RESULTS RESULTATS DES ESSAIS PRÜFERGESITNIS RESULTADOS TESTS		REFERIMENTO NORMA REFERENCE STANDARD RÉFÉRENCE NORME STANDARDWERT REFERENCIA NORMA	
			N ≥ 15 cm			
		(%)	(mm)	gr%		
	LUNGHEZZA E LARGHEZZA. DEVIAZIONE AMMESSIBILE 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 DIMENSION / LONGUEUR ET LARGEUR / MARGE DE TOLÉRANCE EN % ENTRE LA DIMENSION MOYENNE DE CHAQUE CARREAU ET LA DIM. DE FABRICATION / LANGE UND BREITE. ZULÄSSIGE ABWEICHUNG DER DURCHSCHNITTMASSE JEDER FLIESE VOM HERSTELLERMAß IN PROZENTEN / LARGO Y ANCHO. DESVIACION 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 AMMESSIBILE 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 DIMENSION / MARGE DE TOLÉRANCE EN POURCENTAGE ENTRE L'ÉPAISSEUR MOYENNE DE CHAQUE CARREAU ET LA DIMENSION DE FABRICATION / ZULÄSSIGE ABWEICHUNG DER DURCHSCHNITTMASSE JEDER FLIESE VOM HERSTELLERMAß IN PROZENTEN / DESVIACION 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 RETTILINEARITÀ 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 RANTENGERADHEIT IM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLERMAßEN IN PROZENTEN / DESVIACION 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 RECHTHALIGKEIT IM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLERMAßEN IN PROZENTEN / DESVIACION 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 SPOGLIO E SVERGOLAMENTI) / FLATNESS (CURVING IN THE MIDDLE, CORNER AND WARPING) / PLANÉTÉ (COURBURE CENTRALE, DE L'ARÊTE ET GAUCHISSEMENTS) / EBENFLÄCHIGKEIT (WÄRMUNG DER MITTE, DER KANTE UND VERWÖGUNG) / PLANITUD (CURVATURA DEL CENTRO DE LA ARISTA Y ABRIGUILLAMIENTOS)	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	f 90% min delle piastrelle deve essere esente da difetti visibili / At least 90% of the tiles must be free from visible flaws. 90% min des carreaux ne doivent présenter aucun défaut visible. Mindestens 90% der Fliesen müssen frei von sichtbaren mfn. d. 90% de las baldosas tiene que estar exento de defectos visibles.		CONFORME/CONFORMING CONFORME/KONFORM CONFORME		
	MASSA D'ACQUA ASSORBITA IN % / WATER ABSORPTION - MARGE DE L'EAU ABSORBÉE EN % / WASSERANNAHME IN % / MASA 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 (ép. ≥ 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 / BEGESTIGKEIT IN N/mm² / RESISTENCIA A LA FLEXION EN N/mm²	>35 N/mm²		valore medio 52 N/mm²		ISO 10545-4
	RESISTENZA ALL'ABRAZIONE PROFONDA DELLE PIASTRELLE NON SMALTATE / RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES / RESISTANCE A L'ABRASION PROFONDE DES CARREAUX NON ÉMAILÉS / TIEFTUARBEITESTESTIGKEIT UNGLASERTER FLIESEN / RESISTENCIA A LA ABRASION PROFUNDA DE LAS BALDOSAS SIN ESMALTAR	<175 mm³		valore medio 140 mm³		ISO 10545-6
	RESISTENZA AGLI SBALZI 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	Metodo di prova disponibile Available testing method Método de ensayo disponible Verfügbare Prüfmethode Método de ensayo disponible		Classe 4		ISO 10545-14
	RESISTENZA A BASI, CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTANCE A BASES, 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 MANUFACTURERS DECLARATION SELON DÉCLARATION DU PRODUCTEUR ENTSPRECHEND DER HERSTELLERERKLÄRUNG SAL COMO DECLARADA 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'ALCALIS / WIDERSTAND GEGEN STÄRKE 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 / RESISTANCE 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 SCHWIMMBADZUSATZSTOFFEN / RESISTENCIA A PRODUCTOS PARA LIMPIEZA DOMÉSTICA Y ADITIVOS PARA PISCINAS	B min		A		
	RESISTENZA AL GELO / FROST RESISTANCE - RÉSISTANCE AU GEL / FROSTSICHERHEIT - RESISTENCIA A LA HELADA	RICHIESTA / REQUIRED REQUISE / GEFORDERT REQUERIDA		RESISTE - RÉSISTANT RESISTE - ERFÜLLT RESISTE		ISO 10545-12
	COEFFICIENTE DI ATTRITO SCIVOLOSITÀ / FRICTION COEFFICIENT (SLIPPERNESS) / COEFFICIENT DE FRICTION (GLISSEMENT) / REIBUNGSKOEFFIZIENT (SCHLEIFFÄHIGKEIT) - COEFFICIENTE DE ANTI DESLIZAMIENTO	-		> 0,40 > 0,42 wet 19° < α ≤ 27° R11 α ≥ 24° classe C		METODO BCRA ANSI A 326.3 DIN EN 16165 ANNEX B DIN EN 16165 ANNEX A

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

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BPIR COMPLIANT

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NZBN: 9429037294571  
Website: euroceramics.co.nz

FLORIM CERAMICHE  
magnlum



Sistema di gestione della Qualità:  
Certificato n°, 50 100 1271  
Sistema di gestione dell'Ambiente:  
Certificato n°, 50 100 100 74  
Sistema di gestione della Salute e Sicurezza dei lavoratori:  
Certificato n°, 50 100 13625  
Sistema di gestione dell'Energia:  
Certificato n°, 50 100 13646



GRADO DI VARIAZIONE CROMATICA - DEGREE OF COLOUR CHANGE - DEGRE DE VARIATION CHROMATIQUE - GRAD DER FARBABWEICHUNG - GRADO DE VARIACION CROMATICA

<p><b>V1 LOW</b> THE LEAST AMOUNT OF SHADE AND TEXTURE VARIATION ATTAINABLE IN NATURALLY FIRED CLAY PRODUCTS Prodotto Monocromatico Produit Monochromatique Entferliges Produkt Producto Monocromático</p>	<p><b>V2 MODERATE</b> LIGHT TO MODERATE SHADE AND TEXTURE VARIATION WITHIN EACH CARTON Prodotto con leggera variazione cromatica Produit à légère variation chromatique Produit mit leichter Farbabweichung Producto con una pequeña variación cromática</p>	<p><b>V3 HIGH</b> HIGH SHADE AND TEXTURE VARIATION WITHIN EACH CARTON Prodotto con marcata variazione cromatica Produit à variation chromatique accentuée Produit mit ausgeprägter Farbabweichung Producto con evidente variación cromática</p>	<p><b>V4 RANDOM</b> VERY HIGH SHADE AND TEXTURE VARIATION WITHIN EACH CARTON Prodotto con forte variazione cromatica Produit à forte variation chromatique Produit mit starker Farbabweichung Producto con fuerte variación cromática</p>
	STONE MONTPELLIER/STONE DORDOGNE/STONE CHABLIS	STONE AJRA/PEARL TRAVERTINE/GOLD TRAVERTINE	MARBLE AUBISQUE/MARBLE NUAGE

## 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 refer to the Technical Documents section on [euroceramics.co.nz](http://euroceramics.co.nz)**

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