

European
Ceramics

ICONIC LIFE RANGE

Product Name: **ICONIC LIFE - VARIOUS COLOURS/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.

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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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

ICONIC LIFE

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

9 mm 3/8" 

CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS - CARACTERISTIQUES TECHNIQUES - TECHNISCHE EIGENSCHAFTEN - CARACTERÍSTICAS TÉCNICAS						
		PRESCRIZIONE STANDARD REQUIREMENTS PRESCRIPTIONS ANFORDERUNGEN PRESCRIPCION	RISULTATI TESTS TEST RESULTS RESULTATS DES ESSAIS PRÜFERGEBNIS RESULTADOS TESTS			RIFERIMENTO NORMA REFERENCE STANDARD REFERENCIE NORME STANDARTWERT REFERENCIA NORMA
			N > 15 cm		glossy	
		(%)	(mm)			
	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 DIMENSIONS / LONGUEUR ET LARGEUR; MARGE DE TOLERANCE, EN %, ENTRE LA DIMENSION MOYENNE DE CHAQUE CARREAU ET LA DIM DE FABRICATION / LANGE UND BREITE; ZULÄSSIGE ABWEICHUNG DES DURCHSCHNITTMÄßES, JEDER FLEISE VOM HERSTELLMAß IN PROZENTEN / LARGO Y ANCHO; DESVIACION ADMISIBLE, EN %, DEL TAMAÑO MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACION.	Squadrato ISO 13006	±0,3 %	±1,0 mm	±0,15 %	ISO 10545-2
	DEVIAZIONE AMMESSIBILE, IN PERCENTO, DELLO SPESSORE 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'ÉPAISSEUR MOYENNE DE CHAQUE CARREAU ET LA DIMENSION DE FABRICATION / ZULÄSSIGE ABWEICHUNG DER DURCHSCHNITTSÖCKE, JEDER FLEISE VOM HERSTELLMAß IN PROZENTEN / DESVIACION ADMISIBLE, EN TANTO POR CIENTO, DEL GROSOR MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACION.	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 TOLERANCE DE RECTITUDE, EN POURCENTAGE, PAR RAPPORT AUX DIMENSIONS DE FABRICATION / ZULÄSSIGE HOCHSTABWEICHUNG DER KANTENGERADHEIT IM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLMÄßEN IN PROZENTEN / DESVIACION MÁXIMA DE RECTITUD, EN TANTO POR CIENTO, EN RELACION CON EL TAMAÑO DE FABRICACION 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 TOLERANCE D'ANGULARITÉ, EN POURCENTAGE, PAR RAPPORT AUX DIMENSIONS DE FABRICATION / HOCHSTABWEICHUNG DER RECHTWINKLIGKEIT IM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLMÄßEN IN PROZENTEN / DESVIACION MÁXIMA DE LA ORTOGONALIDAD, EN TANTO POR CIENTO, EN RELACION CON EL TAMAÑO DE FABRICACION CORRESPONDIENTE.	Squadrato ISO 13006	±0,3 %	±1,5 mm	±0,20 %	
	PLANARITÀ (CURVATURA DEL CENTRO, DELLO SPIGOLLO E SVERGOLAMENTO) / FLATNESS (CURVING IN THE MIDDLE, CORNER AND WARPING) / PLANÉTÉ (COUBURE CENTRALE, DE L'ARÊTE ET GAUCHISSEMENT) / EBENFLÄCHIGKEIT (KÜMMUNG DER MITTE, DER KANTE UND VERWINKLUNG) / PLANITUD (CURVATURA DEL CENTRO, DE LA ARISTA Y ABARQUILLAMIENTO).	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 - MASSES D'EAU ABSORBÉE EN % / WASSERAUFNAHME IN % MASA DE AGUA ABSORBIDA EN %		Es0,5 %		valore medio 0,08 %	ISO 10545-3
	FORZA DI ROTTURA IN N (sp. ≥ 7,5 mm) - BREAKING STRENGTH IN N (thickness ≥ 7,5 mm) / FORCE DE RUPTURE EN N (ép. ≥ 7,5 mm) / BRUCHLAST IN N (Dicke ≥ 7,5 mm) / FUERZA DE ROTURA EN N (gr. ≥ 7,5 mm)		≥1300 N		valore medio 2200 N	ISO 10545-4
	RESISTENZA ALLA FLESSIONE IN N/mm ² / N/mm ² FLEXURAL STRENGTH TEST / RESISTANCE A LA FLEXION EN N/mm ² / BEGEFESTIGKEIT IN N/mm ² / RESISTENCIA A LA FLEXIÓN EN N/mm ²		>35 N/mm ²		valore medio 50 N/mm ²	ISO 10545-4
	RESISTENZA ALL'ABRAZIONE PROFONDA DELLE PIASTRELLE NON SMALTATE / RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES / RESISTANCE A LABRACION PROFONDE DES CARREAUX NON EMAILLES / TIEFENABRIEFESTIGKEIT UNGLASIRTER FLESEN / RESISTENCIA A LA ABRASION PROFUNDA DE LAS BALDOSAS SIN ESMALTAR		<175 mm ³		valore medio 140 mm ³	ISO 10545-6

	RESISTENZA AGLI SBALZI TERMICI / THERMAL SHOCKS RESISTANT / RESISTANCE AUX VARIATIONS THERMIQUES TEMPERATURWECHSELBESTÄNDIGKEIT / RESISTENCIA AL CHOQUE TÉRMICO.	Metodo di prova disponibile Available testing method Méthode desai disponible Verfügbare Prüfmethode Método de ensayo disponible	RESISTE - RÉSISTANT RESISTE - ERFÜLLT RESISTE			ISO 10545-9
	RESISTENZA ALLE MACCHIE / RESISTANCE TO STAINING / RESISTANCE AUX TACHES / FLECKENABWEISEND RESISTENCIA A LAS MANCHAS	Metodo di prova disponibile Available testing method Méthode desai disponible Verfügbare Prüfmethode Método de ensayo disponible	Classe 5			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 ALCALIS / WIDERSTAND GEGEN NIEDRIGE KONZENTRATIONEN VON SÄUREN UND LAUGEN / RESISTENCIA A BAJAS CONCENTRACIONES DE ACIDOS Y ALCALIS.	COME DICHIARATO DAL PRODUTTORE SEE MANUFACTURER'S DECLARATION SELON DÉCLARATION DU PRODUCTEUR ENTSPRECHEND DER HERSTELLERANGABEN TAL COMO DECLARA EL FABRICANTE.	LB	LA	LA	ISO 10545-13
	RESISTENZA A ALTE CONCENTRAZIONI DI ACIDI ED ALCALI / RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTANCE A HAUTES CONCENTRATIONS D'ACIDES ET Bases / BESTÄNDIGKEIT GEGEN STARK KONZENTRIERTE SÄUREN UND LAUGEN / RESISTENCIA A ALTAS CONCENTRACIONES DE ACIDOS Y ALCALIS	Metodo di prova disponibile Available testing method Méthode desai disponible Verfügbare Prüfmethode Método de ensayo disponible	HB	HA	HA	
	RESISTENZA AI PRODOTTI CHIMICI DI USO DOMESTICO E AGLI ADDITIVI PER PISCINA / RESISTENCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS / RESISTANCE AUX PRODUITS CHIMIQUES À USAGE DOMESTIQUE ET AUX ADDITIFS POUR PISCINE / WIDERSTAND GEGEN HAUSHALTSCHEMIKALIEN UND SCHWIMMBADZUSATZSTOFFEN / RESISTENCIA A PRODUCTOS PARA LIMPIEZA DOMESTICA Y ADITIVOS PARA PISCINAS	B min	A			
	RESISTENZA AL GELO / FROST RESISTANCE - RÉSISTANCE AU GEL / FROSTSICHERHEIT - RESISTENCIA A LA HELADA	RICHIESTA / REQUIRED REQUIRE / BEFORDERET REQUERIDA	RESISTE - RÉSISTANT RESISTE - ERFÜLLT RESISTE			ISO 10545-12
	COEFFICIENTE D'ATTRITO (SCIVOLosità) / FRICTION COEFFICIENT (SLIPPERNESS) / COEFFICIENT DE FRICTION (GLISSEMENT) / REIBUNGSKOEFFIZIENT (SCHLÜPFRIEGKEIT) - COEFICIENTE DE ANTI DESLIZAMIENTO		> 0,40			METODO BCRA
			-	> 0,42 wet	> 0,42 wet	ANSI A 326.3
			-	6° < α ≤ 10° R9	19° < α ≤ 27° R11	DIN EN 16165 ANNEX B
			-	-	α ≥ 24° classe C	DIN EN 16165 ANNEX A
			-	-	PTV >36 WET	BS EN 16165 ANNEX C

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FLORIM OVERSIZE
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For information relative to the technical characteristics CE system, visit www.florim.com. Please refer to our web site www.florim.com for technical information related to CE labeling. Pour tout renseignement sur les caractéristiques de la marque CE veuillez consulter le site www.florim.com. Informationen bezüglich technischer Daten zur Beschriftung CE entnehmen Sie unserer Website www.florim.com. Para información relativa a las especificaciones técnicas sobre la marca CE, chequear el sitio www.florim.com.



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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 13825
Sistema di gestione dell'Energia:
Certificato n°. 50 100 13545



SGBP 2018-1992



GRADO DI VARIAZIONE CROMATICA - DEGREE OF COLOUR CHANGE - DEGRE DE VARIATION CHROMATIQUE - GRAD DER FARBBABWEICHUNG - GRADO DE VARIACIÓN CROMÁTICA

<p>V1 LOW THE LEAST AMOUNT OF SHADE AND TEXTURE VARIATION ATTAINABLE IN NATURALLY FIRED CLAY PRODUCTS.</p> <p>Prodotto Monocromatico Produit Monochromatique Einfarbiges Produkt Producto Monocromático</p>	<p>V2 MODERATE LIGHT TO MODERATE SHADE AND TEXTURE VARIATION WITHIN EACH CARTON.</p> <p>Prodotto con leggera variazione cromatica Produit à légère variation chromatique Produkt mit leichter Farbtönung Producto con una pequeña variación cromática</p>	<p>V3 HIGH HIGH SHADE AND TEXTURE VARIATION WITHIN EACH CARTON.</p> <p>Prodotto con marcata variazione cromatica Produit à variation chromatique accentuée Produkt mit ausgeprägter Farbtönung Producto con evidente variación cromática</p>	<p>V4 RANDOM VERY HIGH SHADE AND TEXTURE VARIATION WITHIN EACH CARTON.</p> <p>Prodotto con forte variazione cromatica Produit à forte variation chromatique Produkt mit starker Farbtönung Producto con fuerte variación cromática</p>
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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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