



European
Ceramics

TIMELESS RANGE (CERIM)

Product Name: **TIMELESS - 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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FLORIM - Contemporary Design

Serie / Series / Kolekcja / Serija	BCRA DM 236/1989 (ITA)	DIN EN 16165 Annex B (DE)	UNE EN 16165 Annex C (ESP)
ANTIQUE MARBLE lucido	>0,4	N.P.D.	N.P.D.
ANTIQUE MARBLE matte	>0,4	N.P.D.	N.P.D.
ANTIQUE MARBLE STRUTTURATO	N.P.D.	R10	N.P.D.
ARTIFACT grip	>0,4	R12	N.P.D.
ARTIFACT naturale	>0,4	R10	N.P.D.
ELEMENTAL STONE grip	>0,4	R11	N.P.D.
ELEMENTAL STONE lucido	N.P.D.	N.P.D.	N.P.D.
ELEMENTAL STONE matte	>0,4	R10	N.P.D.
EXALT lucido	>0,4	N.P.D.	N.P.D.
EXALT naturale	>0,4	N.P.D.	N.P.D.
HI WOOD lucido	>0,4	N.P.D.	N.P.D.
HI WOOD naturale	>0,4	R10	N.P.D.
MAPS bocciardato	>0,4	R11	N.P.D.
MAPS bocciardato 2 cm	>0,4	R11	N.P.D.
MAPS matte	>0,4	R10	N.P.D.
MATCH UP comfort	>0,4	R10	N.P.D.
MATCH UP grip	>0,4	R11	N.P.D.
MATCH UP grip 20 mm	>0,4	R11	N.P.D.
MATERIAL STONES bocciardato 20 mm	>0,4	R11	N.P.D.
MATERIAL STONES grip	>0,4	R11	N.P.D.
MATERIAL STONES matte	N.P.D.	R9	N.P.D.
NATURAL STONE bocciardato 20 mm	>0,4	R11	N.P.D.
NATURAL STONE grip	>0,4	R11	N.P.D.
NATURAL STONE matte	>0,4	R10	Classe 2
ONIX OF CERIM lucido	>0,4	N.P.D.	N.P.D.
ONIX OF CERIM matte	>0,4	N.P.D.	N.P.D.
STONE LIFE GRIP	>0,4	R11	N.P.D.
STONE LIFE matte	>0,4	R10	N.P.D.
TIMELESS grip	>0,4	R11	N.P.D.
TIMELESS lucido	>0,4	N.P.D.	N.P.D.
TIMELESS matte	>0,4	R9	N.P.D.
WOODSLATE LIFE 20 mm strutturato	>0,4	R11	N.P.D.
WOODSLATE LIFE matte	>0,4	R10	N.P.D.
WOODSLATE LIFE strutturato	>0,4	R11	N.P.D.

GRES PORCELLANATO SMALTATO

GLAZED PORCELAIN STONWARE / GRES CÉRAME ÉMAILLÉ / GLASIERTE FEINSTEINZEUG / GRES PORCELÁNICO ESMALTADO
SQUADRATO - SQUARED - EQUARRI - REKTIFIZIERT - ESCUADRADO

PEZZI SPECIALI
SPECIAL TRIMS/PIÈCES SPÉCIALES
FORMSTÜCKE/PIEZAS ESPECIALES

COLOR	SURFACE	30x30 11 ^{4/8"} x11 ^{4/8"}			21x40 8 ^{1/8"} x15 ^{3/8"}	4,6x60 1 ^{4/8"} x23 ^{3/8"}
		mosaico tessere 3x3	mosaico 3D tessere 5x30	modulo listello sfalsato		
TIMELESS	TIMELESS CALACATTA	LUCIDO	747405	747371	747413	747255
		NATURALE	747389	747379	747390	747241
	TIMELESS AMANI GREY	LUCIDO	747407	747373	747415	747257
		NATURALE	747392	747381	747399	747243
	TIMELESS CEPPPO DI GRÈ	LUCIDO	747408	747374	747416	747258
		NATURALE	747393	747382	747400	747244
	TIMELESS BLACK DEEP	LUCIDO	747409	747375	747417	747259
		NATURALE	747394	747383	747401	747245
	TIMELESS TRAVERTINO	LUCIDO	747410	747376	747418	747260
		NATURALE	747395	747384	747402	747246
	TIMELESS MARFIL	LUCIDO	747411	747377	747419	747261
		NATURALE	747396	747385	747403	747247

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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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