

European  
Ceramics

## COMPATTA RANGE

Product Name: **COMPATTA - 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

<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>	<b>Industrial</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




Compatta / CEDIT

## 9 mm / FINE PORCELAIN STONEWARE

	E.N. 14411-ISO 13006 . Appendix G. Group Bla. UGL	Test method	Reference value	Declared value
	D.C.O.F. AcuTest	ANSI A326.3	≥0.42 wet	≥ 0.42 wet
	Pendulum friction test	BS EN 16165- ANNEX C	-	> 36 wet slider 45 NATURALE
	Barefoot slip resistance	DIN EN 16165- ANNEX A	-	18° ≤ α < 24° Cl. B
	Slip resistance with shoes	DIN EN 16165- ANNEX B	-	10° ≤ α < 19° R10 NATURALE
	Slip resistance with shoes	DIN EN 16165- ANNEX B	-	R11 STRUTTURATA
	Flatness (centre curvature / edge curvature / warpage)	ISO 10545 2	Squadrato ISO 13006 - ±0,4% (±1,8 mm)	±0,35%
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO 10545 2	±5% (±0,5 mm)	±5%
	Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions	ISO 10545 2	Squadrato ISO 13006 - ±0,3% (±1 mm)	±0,15%
	Surface quality	ISO 10545 2	Il 95% min delle piastrelle 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 / min. el 95% de las baldosas tiene que estar exento de defectos visibles	CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET
	Maximum straightness deviation, in %, in relation to the corresponding production dimensions	ISO 10545 2	Squadrato ISO 13006 - ±0,3% (±0,8 mm)	±0,1%
	Maximum right angle deviation, in %, in relation to the corresponding production dimensions	ISO 10545 2	Squadrato ISO 13006 - ±0,3% (±1,5 mm)	±0,2%
	Amount of water absorbed, in percentage	ISO 10545 3	E≤0,5%	average value 0,08%
	Breaking strength in N (thickness ≥= 7,5 mm)	ISO 10545 4	≥1300 Newton	average value 2200 N
	Bending strength in N/mm2	ISO 10545 4	>35 N/mm2	average value 50 N/mm2

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	Resistance to deep abrasion of unglazed tiles	ISO 10545 6	<175 mm <sup>3</sup>	average value 140 mm <sup>3</sup>
	Thermal shock resistance	ISO 10545 9	-	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Frost resistance	ISO 10545 12	Richiesta / Required / Requisite / Gefordert / Requerida	RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ
	Resistance to low concentrations of acids and alkali	ISO 10545 13	Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante	ULA
	Resistance to domestic chemicals and additives for swimming pools	ISO 10545 13	UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo	UA
	Resistance to staining	ISO 10545 14	-	Cl. 4-5

**Note:**

For optimal installation results, Florim recommends maintaining a joint of 2 mm 1/12" for single format installations and 3 mm 1/8" to combine mixed formats.

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Reg. Imprese di Modena Nr. 01265320364.  
Capitale Sociale i.v. Euro 50.000.000 PIVCF 01265320364

Certificazioni | Certifications | Certifications | Prüfzeugnisse | Certificaciones | сертификации



放射性水平 A 类  
Certificazione obbligatoria per l'exportazione in Cina  
Certification mandatory for export to China  
Certification obligatoire pour l'exportation en Chine  
Für den Export nach China obligatorische Zertifizierung  
Certificação obrigatória para la exportación a China  
Обязательное сертификационное для экспорта в Китай



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## COMPATTA

**I formati delle lastre ceramiche**

The sizes in the ceramic slab range

	Spessore Thickness	Applicazione Application	Finitura Finish	120 x 280 cm 47 3/8" x 110 1/4"	120 x 240 cm 47 3/8" x 94 3/8"	120 x 120 cm 47 3/8" x 47 3/8"	60 x 120 cm 23 5/8" x 47 3/8"
<b>Sabbia</b> 	9 mm 3/8"		Opaco Matt		778092	777974	777978
<b>Limo</b> 	9 mm 3/8"		Opaco Matt		778093	777975	777979
<b>Argilla</b> 	9 mm 3/8"		Opaco Matt		778094	777976	777980
<b>Ghiaia</b> 	9 mm 3/8"		Opaco Matt		778095	777977	777981
<b>Pisé Sabbia</b> 	6 mm 1/4"		Opaco Matt	777970			
	9 mm 3/8"		Opaco Matt				777953
<b>Pisé Limo</b> 	6 mm 1/4"		Opaco Matt	777971			
	9 mm 3/8"		Opaco Matt				777955
<b>Pisé Mélange</b> 	6 mm 1/4"		Opaco Matt	777972			
	9 mm 3/8"		Opaco Matt				777956
<b>Pisé Ghiaia</b> 	6 mm 1/4"		Opaco Matt	777973			
	9 mm 3/8"		Opaco Matt				777957

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

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