

European
Ceramics

LAGOS RANGE

Product Name: **LAGOS - 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.

Suitability *	Residential	Light Commercial	Commercial	Industrial
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	*	*	*	

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

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.

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

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.

Technical Information



(V3): Piastrelle con media variazione di tono e disegno

Tiles with moderate shade and aspect variation
Fliesen mit gemäßigt unterschiedlichen Tonalitäten und Muster
Carreaux avec faible différence de nuance et structure



Pavimento - Floor coverings
Bodenbeläge - Sol



Rivestimento - Wall coverings
Wandbeläge - Faience



Residenziale - Residential areas
Wohngebiete - Zones résidentielles



Esterno (Esterno)
Outdoor areas - Außenbereiche
Espaces extérieurs



Traffico leggero
Light traffic areas - Geringe Begehungsfrequenz
Zones à trafic léger



Traffico pesante (Naturale - Esterno)
Heavy traffic areas - Starke Begehungsfrequenz
Zones à trafic intense



Zone limitrofe a piscina (Esterno)
Swimming pool areas - Schwimmbadbereich
Abords de piscines



Rivestimenti esterni / Pareti ventilate (9 mm - 10 mm - 6 mm)
External cladding / Ventilated facade - Außenverkleidung / Hinterlüftete Fassaden
Murs extérieurs / Façades ventilées



Fino a 100 grafiche differenti
Up to 100 different graphics
Jusqu'à 100 graphiques différentes
Bis zu 100 verschiedene Grafiken



**> 20%
Elevato contenuto di materiale riciclato**
High content of recycled material
Hoher Anteil an Recycelten Rohstoffen
Haute teneur en matériaux recyclés

Pag. 629
eco+
THE GREEN SOUL OF PORCELAIN STONEWARE



Resistente al gelo



Naturale



Esterno



Naturale Esterno



Naturale Esterno
DRY: > 0,40
WET: > 0,40



Naturale
WET: ≥ 0.42



Pag. 642











Pag. 644

* **DCOF Test su superficie Lucidato disponibile su richiesta.** - DCOF Test on Half Polished surface available on request.
DCOF-Test auf Halbpoliert Oberfläche auf Anfrage. - RESISTENTE DCOF Test sur surface Semi-Poli disponible sur demande.

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

Formati	Colori	Superfici			Scatole			Pallet			#
Lagos gres++		Naturale Rettificato Unpolished Rectified Matt Rektifiziert Naturel Rectifié	Lucidato Rettificato Half Polished Rectified Halbpoliert Rektifiziert Semi-Poli Rectifié	Esterno Rettificato Outdoor Rectified Aussenbereich Rektifiziert Exterieur Rectifié	Pz/Sc Pcs/Box Stck/Kart. Pcs/Bolte	Mq/Sc Sqrm/Box Qm/Kart. M ² /Bolte	Kg/Sc Kg/Box Kg/Kart. Kg/Bolte	Colli Boxes Kart Boltes	Mq Sqrm Qm M ²	Kg Kg Kg Kg	Spessore Thickness Stärke Epaisseur
 60x120 - 24"x48"	Ivory Sand Light Grey Concrete Mud	OS621R OS622R OS623R OS620R OS628R	OS621LR OS622LR OS623LR OS620LR OS628LR	OS621ER OS622ER OS623ER OS620ER OS628ER	2	1,44	32	35	50,40	1130	10 mm
 20x120 - 8"x48"	Ivory Sand Light Grey Concrete Mud	OS211R OS212R OS213R OS210R OS218R			5	1,20	26,5	30	36	805	10 mm
 45x90 - 18"x36"	Ivory Sand Light Grey Concrete Mud	OS491R OS492R OS493R OS490R OS498R	OS491LR OS492LR OS493LR OS490LR OS498LR		3	1,215	26	32	38,88	842	10 mm
 60x60 - 24"x24"	Ivory Sand Light Grey Concrete Mud	OS601R OS602R OS603R OS600R OS608R	OS601LR OS602LR OS603LR OS600LR OS608LR		4	1,44	31,5	30	43,20	955	10 mm
 30x60 - 12"x24"	Ivory Sand Light Grey Concrete Mud	OS361R OS362R OS363R OS360R OS368R	OS361LR OS362LR OS363LR OS360LR OS368LR	OS361ER OS362ER OS363ER OS360ER OS368ER	6	1,08	21,5	40	43,20	870	9 mm
 * STRIPES 30x60 - 12"x24"	Ivory Sand Light Grey Concrete Mud	OSS361R OSS362R OSS363R OSS360R OSS368R			6	1,08	21,5	40	43,20	870	9 mm
 * DIAMOND 15x30 - 6"x12"	Ivory Sand Light Grey Concrete Mud	OS131R OS132R OS133R OS130R OS138R			15	0,675	14				9 mm
 7,5x60 - 3"x24" Battiscopa - Bullnose Sockel - Plinthe	Ivory Sand Light Grey Concrete Mud	OSB601R OSB602R OSB603R OSB600R OSB608R	OSB601L OSB602L OSB603L OSB600L OSB608L		22	Mi 13,2	22				

* Da utilizzare esclusivamente a rivestimento - To be used only on walls
Nur zur Verkleidung verwendbar - Exclusivement destinés à un revêtement mural

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

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

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