



European
Ceramics

DORSET RANGE

BUILDING PRODUCT INFORMATION REQUIREMENTS (BPIR) – CLASS 1

This document is intended to provide the building product information required for a Class 1 designated building product under the (Building Product Information Requirements) Building Regulations 2022.

Product Name:	DORSET RANGE - 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% designed as a finished product to complete the chosen aesthetic of a building project.
Intended Use:	Porcelain tiles from this range can be installed in line with NZ Building Code requirements and BRANZ best practices. Porcelain tiles are an aesthetic finish to a surface not intended to be load bearing or structural.
Country of Origin:	Italy

Building Code Obligations

Within the intended scope of use, the existing European Ceramics BPIR identifies the following Building Code clauses as potentially relevant. Applicability depends on the actual location and design use:

- B2 – Durability (including B2.3.1)
- C3 – Fire affecting areas beyond the source
- D1 – Access routes (including D1.3.3)
- E3 – Internal moisture (including E3.3.2, E3.3.3 and E3.3.4)
- G3 – Food preparation and prevention of contamination (including G3.3.2)
- G6 – Airborne and impact sound (including G6.3.1 where applicable)



Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

Note – this building product is not subject to a warning/ban under Section 26 of the Building Act 2004

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 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 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.

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.



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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.

Limitations of Use

Product technical/specification sheets from manufacturers outline composition details and characteristics including material, finishes, PEI ratings, size (including variations, calibrations, weights) colour and slip ratings. Tiles are a finishing product, consented plans or specification should be referred to in order to outline the details of suitability with regard to NZBC requirements.

<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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Manufacturer Information

Address: Via Radici in Piano, 355 41043 Formigine Modena MO, Italy

Website: www.italgranitigroup.com

Email Address: info@italgranitigroup.com

Technical Information

Product catalogue & technical/specification sheets for each range can be located [Click here](#)

GRES PORCELLANATO - RETTIFICATO PORCELAIN STONEWARE - RECTIFIED

CONFORMING TO STANDARDS
EN 14411 / ISO 13006 APPENDIX G GRUPPO IIIa IGL CON Fe ≤ 0,5%



BENDING
STRENGTH



FROST
RESISTANCE



CHEMICALS
RESISTANCE



STAIN
RESISTANCE

ADVANCED
TECHNOLOGY



StrideUp®
RealUp®



ANSI A326.3 > 0.42
REALUP / STRENGTHUP



R10 / A+B
REALUP / STRENGTHUP



ANSI A326.3 > 0.42
NATURALUP / SLIPUP



ANSI A326.3 > 0.42
ANTHROPUP / OPEN



R11 / A+B+C
ANTHROPUP / OPEN



HEAVY TRAFFIC
INTENSITY

NATURALUP / REALUP
ANTHROPUP / OPEN



V2
MODERATE

All Colours



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CARATTERISTICA TECNICA PHYSICAL PROPERTIES TECHNISCHE DATEN CARACTERISTIQUE TECHNIQUE	METODOCA DI PROVA TESTING METHOD PRÜFVERFAHREN NORME D'ESSAIS	RIFERIMENTO NORMA REFERENCE STANDARD REFERENCE NORME STANDARDWERT	VALORE PRODOTTO PRODUCT VALUES PRODUKT WERTE VALEUR PRODUIT
 Dimensioni Stos Abmessungen Dimensions	EN ISO 10545-2	7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)
		Length and width Länge und Breite - Longueur et largeur	±0.9 ±0.6 ±2.0
		Spessore - Thickness - Stärke - Epaisseur	±0.5 ±1.0 ±0.5
		Rectilineità spigoli - Linearity Kantengeradheit - Rectitude des arêtes	±0.75 ±0.5 ±1.5
		Ortogonalità - Wedging Rechteckigkeit - Orthogonalité	±0.75 ±0.5 ±2.0
		Planarità - Warpage - Ebenförmigkeit - Planéité	±0.75 ±0.5 ±2.0
		Aspetto: percentuale di piastrelle accettabili nel lotto - Appearance: percentage of acceptable tiles, per lot - Oberflächenzustand: prozentuale der Fliesen, die den geforderten eigenschaffen entsprechen Aspect: pourcentage de carreaux acceptables sur la fourniture totale	95 % min. 95 % min.
 Assorbimento acqua % - Water absorption % Wasseraufnahme % - Absorption d'eau %	EN ISO 10545-3	Ev ≤ 0,1%	Conforme - Conforming Erfüllt - Conforme
 Resistenza alla flessione - Modulus of rupture Biegezugfestigkeit - Résistance à la flexion	EN ISO 10545-4	Valore medio 35 N/mm ² min.	Conforme - Conforming Erfüllt - Conforme
 Sforzo di rottura - Breakage resistance Bruchlast - Resistance à la rupture		sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N	Conforme - Conforming Erfüllt - Conforme
 Resistenza all'abrasione profonda - Deep abrasion resistance - Bestimmung des Widerstandes gegen tiefen Verschleiß - Résistance à l'abrasion	EN ISO 10545-6	175 mm ³ max.	Medio - Average Mittelwert - Moyenne < 150 mm ³
 Coefficiente di dilatazione termica lineare - Thermal expansion coefficient - Wärmezudehnung - Coefficient de dilatation thermique linéaire	EN ISO 10545-8	Valore dichiarato - Declared value Angabener Wert - Valeur déclarée	6,0 MK-1
 Resistenza agli shock termici - Thermal shock resistance - Temperaturwechselbeständigkeit - Résistance aux écarts de température	EN ISO 10545-9	Test superato in accordo con ISO 10545-1 - Pass according to ISO 10545-1 Test überstanden nach ISO 10545-1 - P- en accord avec norme en 10545-1	* Resistente - Resistant Widerstandsfähig - Résistants
 Resistenza al gelo - Frost resistance Frostbeständigkeit - Résistance au gel	EN ISO 10545-12	Test superato in accordo con ISO 10545-1 - Pass according to ISO 10545-1 Test überstanden nach ISO 10545-1 - P- en accord avec norme en 10545-1	* Resistente - Resistant Widerstandsfähig - Résistants
 Resistenza a basse concentrazioni di acidi e alcali - Resistance to low concentrations of acids and alkali - Beständigkeit gegen schwach konzentrierte Säuren und Laugen - Résistance à des bases concentrations d'acides et bases	EN ISO 10545-13	Valore dichiarato - Declared value Angabener Wert - Valeur déclarée	* Resistente - Resistant Widerstandsfähig - Résistants
		Valore dichiarato - Declared value Angabener Wert - Valeur déclarée	* Resistente - Resistant Widerstandsfähig - Résistants
		UB min.	UB
 Resistenza ai prodotti chimici di uso domestico e agli additivi per piscina - Resistance to domestic chemicals and additives for swimming pools - Beständigkeit gegen chemische Haushaltsreiniger und Zusatzstoffe für Schwimmbäder - Résistance aux prod. chimiques d'usage domestique et additifs pour piscines	EN ISO 10545-14	Valore dichiarato - Declared value Valeur déclarée - Angabener Wert	* Resistente - Resistant Widerstandsfähig - Résistants
 Resistenza alle macchie di piastrelle non smaltate naturali - Stain resistance of unglazed matte porcelain Rechenbeständigkeit von unglasierten matten Fliesen - Résistance aux taches des carreaux non émaillés naturels	DIN 51130		Valore disponibile a richiesta Value available upon request Wert auf Anfrage verfügbar Valeur disponible sur demande
 Resistenza alla scivolosità Slip resistance Rutschfestigkeit Résistance au dérapage	DIN 51097	Deve richieder - If needed - Nach anforderung - Si demande	Valore disponibile a richiesta Value available upon request Wert auf Anfrage verfügbar Valeur disponible sur demande
	B.C.R.A. / D.M. 236/ 89 ANSI A328.3 D COF		> 0,40 Dry / > 0,40 Wet ≥ 0,42 Wet



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Sostenibilità e certificazioni | Sustainability and certifications



Italgreniti Group è una B Corp. Il Gruppo persegue da tempo strategie che coniugano innovazione e sostenibilità, mirando a incrementare le ricadute positive sulle persone, sul territorio e sull'ambiente agendo in modo responsabile, sostenibile e trasparente. Italgreniti Group fa parte del movimento globale che vede nell'impresa una forza positiva non solo per l'economia ma anche per il benessere delle persone e del pianeta, e che promuove la transizione verso un modello economico inclusivo, equo e rigenerativo.

Italgreniti Group is a B Corp. The Group has long pursued strategies that combine innovation and sustainability, aiming to increase the positive impact on people, the territory and the environment by acting responsibly, sustainably and transparently. Italgreniti Group is part of the global movement that sees business as a positive force not only for the economy but also for the well-being of people and the planet, and promotes the transition to an inclusive, fair and regenerative economic model.



Italgreniti Group ha ottenuto il riconoscimento della Medaglia Ecovadis, una delle più importanti piattaforme internazionali di rating della eco-sostenibilità. Ecovadis mira a migliorare le pratiche ambientali e sociali delle aziende sfruttando l'influenza delle catene logistiche globali. È una delle più importanti piattaforme internazionali di rating dell'eco-sostenibilità e gestisce la prima piattaforma collaborativa che permette alle aziende di monitorare la performance di sostenibilità dei loro fornitori, in 150 settori e in 110 Paesi. Attribuisce un punteggio che consente alla singola azienda una grande visibilità nei confronti di una vasta platea di potenziali clienti, sempre più interessati ai livelli di sostenibilità della supply chain.

Il modello di valutazione si basa su standard riconosciuti a livello mondiale come GRI (Global Reporting Initiative), UNGC (Patto Mondiale delle Nazioni Unite), ISO 26000 ed è presidiato da un comitato scientifico internazionale, consistente nel verificare, attraverso un questionario, le performance del fornitore in relazione a 4 macro-ambiti:

- Ambiente
- Lavoro e diritti umani
- Etica
- Acquisti sostenibili.

Italgreniti Group was awarded the Ecovadis Medal, one of the most important international eco-sustainability rating platforms. Ecovadis aims to improve environmental and social practices of companies by harnessing the influence of global logistics chains. It is one of the leading international eco-sustainability rating platforms and operates the first collaborative platform that allows companies to monitor the sustainability performance of their suppliers, in 150 sectors and in 110 countries. It assigns a score that gives the individual company high visibility to a wide audience of potential customers, who are increasingly interested in the sustainability levels of the supply chain.

The evaluation model is based on globally recognised standards such as GRI (Global Reporting Initiative), UNGC (United Nations Global Compact), ISO 26000 and is overseen by an international scientific committee: it consists of verifying, by means of a questionnaire, the supplier's performance in relation to 4 macro-themes:

- Environment
- Labour and human rights
- Ethics
- Sustainable procurement.



L'EPD (Environmental Product Declaration, dichiarazione ambientale di prodotto) è un documento sintetico che traccia il profilo delle prestazioni ambientali del nostro prodotto e che permette di comunicare informazioni oggettive, confrontabili e credibili al riguardo, senza esprimere criteri di valutazione, preferibilità o livelli minimi da rispettare; permette così, a chi lo consulta, di compiere una scelta consapevole e correttamente informata. Quest'anno ITALGRANITI GROUP ha pubblicato il documento con i dati delle proprie attività su www.environmental.com, sito dell'International EPD System, il primo e più longevo programma EPD al mondo.

The EPD (Environmental Product Declaration) is a concise document that outlines the environmental performance profile of our product and allows us to communicate objective, comparable and credible information in this regard, without expressing evaluation, preference or minimum levels to be respected; it thus allows those who read it to make a conscious and correctly informed choice. This year ITALGRANITI GROUP published its activity data on www.environmental.com, the website of the International EPD System, the world's first and longest running EPD program.

ISO 14064-1



La certificazione ISO 14064-1 permette alle organizzazioni di quantificare le proprie emissioni di GHG al fine di attuare delle politiche di Carbon Management e comunicare il proprio impegno in tema di sostenibilità ai propri stakeholder. Italgreniti Group ha intrapreso un percorso di rendicontazione delle proprie emissioni e rimozioni di gas ad effetto serra (GHGs). Lo studio intende rispondere ad una esigenza orientata, non solo alla conoscenza della propria impronta di Carbonio ma anche all'individuazione di possibili strategie e azioni volte a ridurre le emissioni di GHG. Questa importante certificazione testimonia l'approccio pro-attivo del Gruppo e la capacità di fornire dati coerenti ed affidabili sulla propria Carbon Footprint.

ISO 14064-1 certification allows organisations to quantify their GHG emissions to implement carbon management policies and communicate their sustainability commitment to their stakeholders. Italgreniti Group started a reporting path on their greenhouse gases (GHG) emissions and removal. The study intends to respond to a need geared not only towards knowing their own Carbon Footprint but also towards identifying possible strategies and actions aimed at reducing GHG emissions. This important certification proves the Group proactive approach and the ability to provide consistent and reliable data on their Carbon Footprint.



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ISO 14001 - EMAS



Italgraniti Group opera in conformità alle normative ambientali previste dalla certificazione ISO 14001 e del regolamento EMAS, ottenuta da oltre 10 anni. La certificazione europea EMAS (Eco-Management and Audit Scheme) misura e controlla il ridotto impatto sull'ambiente dei siti produttivi, attraverso un sistema di gestione ambientale basato su rigorosi parametri.

Italgraniti Group conforms with the environmental regulations envisaged by the ISO 14001 certification and by the EMAS certification, obtained more than 10 years ago. The European EMAS (Eco-Management and Audit Scheme) certification measures and controls the reduced environmental impact of production sites, through an environmental management system based on strict parameters.



ITALGRANITI GROUP CONTRIBUISCE ALL'EFFICIENZA ENERGETICA ATTRAVERSO:

- 100% di riciclaggio delle acque utilizzate
- 100% riciclo degli scarti crudi e cotti
- 100% riciclo del packaging e dei pallet

ITALGRANITI GROUP CONTRIBUTES TOWARDS ENERGY EFFICIENCY THROUGH:

- 100% recycling of waters used
- 100% recycling of unfired and fired waste
- 100% recycling of packaging and pallets



100% WATER CONSUMPTION SAVINGS



100% RECYCLING OF UNFIRED WASTE



100% RECYCLING OF FIRED WASTE



100% RECYCLED PACKAGING



100% RECYCLED PALLET

UNI/PDR 125:2022



Italgraniti Group è la prima azienda ceramica in Italia ad aver ottenuto la Certificazione di Genere secondo lo standard UNI/PDR 125:2022. La parità di genere è un elemento fondamentale per combattere le discriminazioni nel mondo del lavoro e per realizzare i propri obiettivi strategici. Il rispetto della persona, congiuntamente con il suo sviluppo professionale, sono considerati valori imprescindibili per il Gruppo, il quale reputa le capacità relazionali, intellettive, organizzative e tecniche di ogni dipendente una risorsa fondamentale per l'organizzazione.

Italgraniti is the first ceramic company in Italy to have obtained the Gender Equality Certification according to the UNI/PDR 125:2022 standard. Gender equality is a key element in fighting discriminations in the workplace and in achieving strategic goals. Respect for the people, along with their professional growth, are considered unavoidable values by the Group, which considers employees' relational, intellectual, organizational, technical capabilities as an essential resource for the company.

ISO 9001



La certificazione UNI ISO 9001:2015 è riconosciuta a livello internazionale e rappresenta una garanzia di eccellenza e qualità del proprio sistema di gestione. ITALGRANITI GROUP ha deciso di intraprendere spontaneamente questo importante percorso adottando un insieme di regole, responsabilità e controlli per migliorare l'efficienza dei processi e la soddisfazione del cliente, accrescere la propria competitività e mantenere la conformità ai più alti standard qualitativi.

UNI ISO 9001:2015 certification is internationally recognised and represents a guarantee of the excellence and quality of the management system. ITALGRANITI GROUP decided of its own accord to undertake this important process, adopting a set of rules, responsibilities and checks to improve the efficiency of processes and customer satisfaction, to boost its competitiveness and maintain compliance with the highest quality standards.

ISO 45001



La salute e il benessere dei lavoratori sono interessi primari per ITALGRANITI GROUP. L'ottenimento della certificazione UNI ISO 45001 rafforza una cultura d'impresa che vede la sicurezza non solo come un adempimento normativo, ma come parte essenziale dei processi lavorativi. La normativa è uno strumento necessario per generare un nuovo modello di competitività sostenibile che possa migliorare la crescita di tutte le performance aziendali.

The health and wellbeing of employees are crucial priorities for ITALGRANITI GROUP. The attainment of UNI ISO 45001 certification strengthens a business culture that sees safety not simply as a question of regulatory compliance, but as an essential part of working processes. Regulation is a necessary tool for generating a new model of sustainable competitiveness that can improve company performance across the board.



Italgraniti Group ha adottato lo standard collaborativo HPD Dichiarazioni di Salute di Prodotto (Health Product Declarations), per comunicare in modo trasparente il contenuto dei propri materiali e il relativo impatto sulla salute. Grazie all'HPD, i nostri prodotti contribuiscono all'ottenimento di crediti LEED® e WELL™.

Italgraniti Group has adopted the HPD (Health Product Declarations) collaborative standard to communicate the contents of its materials and the related impact on health in a transparent manner. Thanks to HPD, our products contribute towards obtaining LEED® and WELL™ credits.



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LEED COMPLIANT

I prodotti di ITALGRANITI GROUP rispondono ai requisiti richiesti dalle certificazioni LEED. I crediti LEED forniscono a tutte le parti interessate gli strumenti necessari per calcolare in modo oggettivo l'impatto di uno stabile in termini di sostenibilità ambientale. Il sistema si basa sull'attribuzione, per ciascuno dei requisiti caratterizzanti l'eco-compatibilità di un edificio, di crediti che, sommati tra loro, danno il livello di certificazione ottenuto: più alto è, più cresce il valore competitivo dell'immobile sul mercato. I nostri prodotti non rilasciano sostanze tossiche e non contribuiscono all'effetto isola di calore; inoltre, escono da uno stabilimento dotato di sistema di gestione ambientale certificato. Per realizzarli viene utilizzata una percentuale certificata di materiale riciclato superiore al 20% (materiale pre-consumo). Questa certificazione è stata rilasciata da Bureau Veritas Italia S.p.A.

ITALGRANITI GROUP's products meet the requirements of LEED certifications. LEED credits provide all interested parties with the necessary tools to objectively calculate the impact of a building in terms of environmental sustainability. The system is based on the attribution - for each of the requirements characterising the eco-compatibility of a building - of credits that, added together, give the level of certification obtained: the higher it is, the greater the competitive value of the building on the market. Our products do not release toxic substances and do not contribute to the heat island effect; moreover, they come from a plant with a certified environmental management system. A certified percentage of more than 20% recycled material (pre-consumer material) is used to manufacture them. This certification was issued by Bureau Veritas Italia S.p.A.



Italgraniti Group è membro del Green Building Council Italia, organizzazione che promuove la cultura e la pratica dell'edilizia sostenibile in un contesto che rispetti le esigenze dell'uomo, della collettività e dell'ambiente.

Italgraniti Group is a member of the Green Building Council Italia, an organisation that promotes the culture and practice of sustainable construction in a context that respects the needs of mankind, of the collective whole and of the environment.



Il GreenGuard è una Certificazione di Prodotto Ambientale che attesta l'emissione di bassi livelli di sostanze chimiche, come ftalati, benzene, ammine e formaldeide. Ha particolare importanza per quelle aziende che, come ITALGRANITI GROUP, partecipano a forniture contrattate legate a protocolli di green building, come il LEED statunitense. Questi sistemi di rating attribuiscono all'edificio un punteggio basato sui materiali che esso impiega. Insieme ad altre certificazioni, GreenGuard assegna al prodotto impiegato un credito che concorre a definire il punteggio dell'edificio. Nata negli USA per volontà di un organismo senza fini di lucro, GreenGuard prevede che i prodotti siano sottoposti a test scientifici indipendenti e a un monitoraggio continuo delle emissioni chimiche. Ottengono la certificazione quei prodotti che ne soddisfano gli standard rigorosi, basati su criteri stabiliti da importanti agenzie di salute pubblica.

The GreenGuard is an Environmental Product Certification that certifies the emission of low levels of chemicals, such as phthalates, benzene, amines and formaldehyde. It has particular importance for those companies that, like ITALGRANITI GROUP, participate in contract supplies linked to green building protocols, such as the US LEED. These rating systems give the building a score based on the materials it uses. Together with other certifications, GreenGuard assigns the product used a credit that contributes to the building's score. Created in the US by a non-profit organisation, GreenGuard requires products to undergo independent scientific testing and continuous monitoring of chemical emissions. Those products that meet strict standards, based on criteria set by leading public health agencies, are certified.

BREEAM®

BREEAM® (Building Research Establishment Environmental Assessment Method), sviluppato nel 1990 dal BRE Global, è uno dei principali sistemi al mondo utilizzato per misurare le prestazioni ambientali e di sostenibilità degli edifici nuovi ed esistenti. La valutazione BREEAM® utilizza una gamma di indicatori e criteri di sostenibilità per valutare le prestazioni dell'edificio coprendo diverse tematiche ambientali: energia e risorse idriche, salute e benessere, inquinamento, trasporti, materiali, rifiuti, ecologia e processi di gestione. Tutte le collezioni Italgraniti contribuiscono al raggiungimento dei crediti BREEAM®.

BREEAM® (Building Research Establishment Environmental Assessment Method), which was developed in 1990 by BRE Global, is one of the main systems in the world used to measure the environmental and sustainability performance of new and existing buildings. The BREEAM® assessment uses a range of indicators and sustainability criteria to assess the performance levels of a building, covering several environmental topics: energy and water resources, health and wellbeing, pollution, transport, materials, waste, environmental awareness and management processes. All Italgraniti collections contribute towards obtaining BREEAM® credits.

WELL™

WELL™ Building Standard (WELL™) è il primo sistema di rating per l'edilizia sostenibile che consente di misurare, certificare e monitorare le caratteristiche dell'edificio che hanno un impatto sulla salute e sul benessere degli occupanti. Il WELL™ fornisce un percorso per integrare e misurare i temi della salute umana e del benessere nella progettazione, costruzione e gestione di edifici. Per ottenere la certificazione WELL™ Building Standard™, l'edificio deve essere sottoposto a un processo che comprende una valutazione in loco e una verifica delle prestazioni da parte di un certificatore abilitato. Tutte le collezioni Italgraniti contribuiscono al raggiungimento dei crediti WELL™.

WELL™ Building Standard (WELL™) is the number one rating system for sustainable construction designed to measure, certify and monitor the features of the building, which have an impact on the health and wellbeing of its occupants. WELL™ provides a path to integrate and measure topics of human health and wellbeing in the design, construction and management of buildings. To obtain the WELL™ Building Standard™ certification, the building must undergo a process which includes an on-site assessment and an inspection of performance levels by a qualified certifier. All Italgraniti collections contribute towards obtaining WELL™ credits.

CAM ISO 14021

I Criteri Ambientali Minimi (CAM) sono i requisiti ambientali ed ecologici definiti dal Ministero dell'Ambiente. Con decreto 23 giugno 2022 il Ministero della Transizione Ecologica ha disposto la loro revisione (Criteri ambientali minimi per l'affidamento del servizio di progettazione ed esecuzione dei lavori di interventi edili). I CAM mirano a facilitare l'inserimento di requisiti di eco-sostenibilità nelle gare d'appalto per interventi pubblici. L'obiettivo è quello di stimolare acquisti che minimizzino l'uso di risorse naturali e il consumo di energia, che contribuiscano inoltre alla diffusione di fonti rinnovabili, riducano la produzione di rifiuti, le emissioni inquinanti nell'aria, nell'acqua e nel suolo ed che eliminino le sostanze ambientalmente pericolose. Grazie ad un sistema di gestione ambientale sostenibile, alla certificazione EPD e in accordo con lo standard internazionale ISO 14021, Italgraniti contribuisce ad un'edilizia di qualità e prestazioni al di sopra della media di settore.

The Minimum Environmental Criteria (CAM) are the environmental and ecological requirements defined by the Italian Ministry of the Environment. By decree of 23 June 2022, the Ministry of Ecological Transition ordered their revision (Minimum Environmental Criteria for the awarding of design and execution services for building works). CAM aims to facilitate the inclusion of eco-sustainability requirements in tenders for public operations. The aim is to stimulate purchases that minimise the use of natural resources and energy consumption levels, which also contribute towards the spread of renewable sources, reducing waste production, polluting emissions into the air, water and soil, and which eradicate environmentally hazardous substances. Thanks to a sustainable environmental management system, to the EPD certification and in accordance with international standard ISO 14021, Italgraniti contributes towards quality construction with performance levels above the industry average.



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MOCA COMPLIANCE



I prodotti Italgraniti Group sono conformi ai requisiti previsti dal Regolamento (CE) n. 1935/2004 (Regolamento Quadro sul MOCA) e dalle normative specifiche applicabili, come la Direttiva 85/500/CE, aggiornata dalla Direttiva 2005/31/CE e recepita dal D.Lgs. 04/04/1985 con i successivi aggiornamenti, incluso il Decreto del 1° febbraio 2007. Ogni prodotto è inoltre accompagnato dalla Dichiarazione di Conformità, che ne attesta l'idoneità e la sicurezza. Tale attestazione si basa sui test eseguiti, sulle valutazioni tossicologiche e sull'applicazione delle Buone Pratiche di Fabbricazione (GMP) lungo l'intero processo produttivo, come richiesto dal Regolamento (CE) n. 2023/2006.

Italgraniti Group products comply with the requirements of Regulation (EC) No. 1935/2004 (Framework Regulation on MOCA) and specific applicable regulations, such as Directive 85/500/EC, updated by Directive 2005/31/EC and implemented by Legislative Decree 04/04/1985 with subsequent updates, including the Decree of February 1, 2007. Each product is also accompanied by a Declaration of Conformity, which certifies its suitability and safety. This certification is based on tests performed, toxicological assessments, and the application of Good Manufacturing Practices (GMP) throughout the entire production process, as required by Regulation (EC) No. 2023/2006.

QB UPEC CERTIFICATION



Si tratta di un marchio di qualità francese ottenuto sulla base dei test previsti dalla normativa europea EN 14411 e dai Cahiers techniques del CSTB. A ogni articolo viene assegnata una classificazione che ne attribuisce l'idoneità alla posa nei diversi ambienti di destinazione. I prodotti certificati e i relativi Classements sono specificati nel certificato.

This is a French quality mark obtained on the basis of tests according to the European standard EN 14411 and the CSTB's Technical Cahiers. Each product is assigned a classification that attributes its suitability for installation in the various target environments. The certified products and their Classements are specified in the certificate.



放射性水平A类

La marcatura CCC è regolata da una normativa cinese che attesta che i prodotti di ITALGRANITI GROUP possiedono la più bassa radioattività naturale possibile per i materiali edili, inferiore persino alla naturale radioattività dei graniti. La certificazione CCC si ottiene dopo un test incrociato effettuato da due differenti laboratori sullo stesso campione e un audit dell'ente di certificazione che garantisce la conformità al criterio dei prodotti certificati. Il marchio CCC suddivide i prodotti in due classi: A e B. Tutti i prodotti ITALGRANITI GROUP appartengono alla classe A, che è la più sicura, indicata all'utilizzo in tutti i luoghi, compresi quelli pubblici (come scuole e asili).

The CCC marking is governed by a Chinese regulation certifying that ITALGRANITI GROUP's products have the lowest possible natural radioactivity for building materials, lower even than the natural radioactivity of granite. The CCC certification is obtained after cross-testing by two different laboratories on the same sample and an audit by the certification body guaranteeing that the certified products comply with the criterion. The CCC mark divides the products into two classes: A and B. All ITALGRANITI GROUP products belong to class A, which is the safest, suitable for use in all places, including public places (such as schools and kindergartens).



Il marchio CE garantisce la sicurezza del prodotto. Un prodotto con il marchio CE è conforme a tutti i parametri di sicurezza e di tutela del consumatore previsti dalla direttiva europea di riferimento. Il marchio CE si ottiene attraverso il superamento di test di laboratorio e la presentazione di un fascicolo tecnico che descrive le prestazioni dei prodotti in esame, in accordo col Regolamento (UE) n. 305/2011 (noto come Regolamento CPR) e con la norma armonizzata UNI EN 14411 ("Piastrelle di ceramica - Definizioni, classificazione, caratteristiche e marcatura").

The CE mark guarantees product safety. A product with CE mark complies with all the safety and consumer protection parameters of the relevant European directive. The CE mark is obtained by passing laboratory tests and submitting a technical file describing the performance of the products under examination. In accordance with Regulation (EU) no. 305/2011 (known as the CPR Regulation) and the harmonised standard UNI EN 14411 ("Ceramic tiles - Definitions, classification, characteristics and marking").

ONGREENING



FOR MORE
INFO VISIT
ONGREENING.COM

Ongreening.com fornisce informazioni dettagliate sulla conformità e il contributo dei prodotti Italgraniti Group ai principali sistemi di certificazione della sostenibilità degli edifici (LEED®, BREEAM®, WELL®, CAM ed altri).

Ongreening.com provides detailed information about the conformity and contribution of Italgraniti Group products to the main building sustainability certification systems (LEED®, BREEAM®, WELL®, CAM and others).



Il prestigioso marchio d'origine Ceramics of Italy contrassegna solamente i prodotti realizzati in Italia, che rappresentano i valori appartenenti all'industria ceramica da decenni. ITALGRANITI GROUP sostiene il codice etico di Confindustria Ceramica che, dalla produzione 100% Made in Italy alla responsabilità sociale e ambientale, promuove una politica industriale seria e trasparente.

Ceramics of Italy is the certified brand of origin which exclusively marks all products fully manufactured in Italy representing the decades old values system of the Italian Ceramic Industry. We support all those values promoted by the Confindustria Ceramica code of ethics, from 100% Italian production to social and environmental responsibility.



Portiamo con orgoglio in tutto il mondo materiali che esprimono al meglio la cultura estetica, l'eccellenza stilistica e tecnica del Made in Italy.

Sul mercato internazionale, il nostro nome è sinonimo di grès porcelanato dalle altissime prestazioni tecniche ed estetiche e attraverso la trasformazione di materie prime di assoluta qualità otteniamo progetti ceramici capaci d'interpretare le molteplici esigenze di un mondo in costante evoluzione.

Around the world, we proudly promote materials that best express that Made in Italy aesthetic, style and technical excellence. On the international market, our name is synonymous with porcelain stoneware that offers extremely high technical and aesthetic performance. We transform top quality raw materials into ceramic projects able to interpret the many requirements of a continuously evolving world.



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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 fire performance characteristics of ceramic/porcelain tiles or natural stone, [please follow this link](#)

Design Requirements

- The designer/specifier must confirm that the selected product colour, finish, size and thickness is suitable for the intended location and service conditions.
- Floor finishes must be selected with regard to the required slip resistance for the intended use, including access routes and wet areas where applicable.
- The supporting substrate and complete tile system must be designed to be sufficiently stable, rigid, level and suitable for the tile format and loading.
- Wet-area design must include the required waterproofing system, falls, drainage, junctions and penetrations. Tiles and grout are not to be relied upon as the waterproofing system.
- Movement/control joints must be incorporated where required by the substrate, building movement, tile layout and installation system.
- For underfloor heating, the heating system, substrate, adhesive, grout and movement-joint design must be compatible with porcelain tile and the relevant manufacturers' requirements.
- For external cladding or other specialist applications, project-specific design, fixing, wind/seismic actions and system compatibility must be verified before installation.
- Natural variation in shade, caliber and appearance should be considered when approving samples and setting out the installation.



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Installation Requirements

- Installation must be carried out by a competent tile installer in accordance with NZ standards & the BRANZ best tiling practices guide, the tile manufacturer's instructions and the installation-product manufacturers' instructions.
- Confirm the product identity, colour, finish, size, calibration and quantity before installation. Do not install visibly damaged or incorrect tiles.
- The substrate must be sound, clean, dry as required by the selected system, adequately cured, dimensionally stable, level and free of contaminants that may impair adhesion.
- Where waterproofing is required, install an appropriate waterproofing system before tiling and complete all junctions, penetrations and terminations in accordance with the waterproofing manufacturer's requirements.
- Select adhesive and grout suitable for porcelain tile, tile format, substrate, environment and service conditions. Follow the adhesive/grout manufacturer's mixing, open-time, coverage and curing requirements.
- Provide adhesive coverage appropriate to the application and tile format. Large-format and external/specialist installations may require additional measures to achieve adequate support and coverage.
- Provide movement joints and perimeter joints where required; do not bridge structural or substrate movement joints with rigid tile finishes.
- Maintain appropriate joint widths and setting-out tolerances. The supplier technical sheet included in the existing BPIR should be consulted for product-specific joint guidance.
- Protect the completed installation from traffic, moisture, impact and other loads until the adhesive, grout, sealants and associated systems have cured.
- For further installation information [please refer to this link](#) for porcelain, ceramic & natural stone.

Maintenance Requirements

- Clean routinely using clean water and a suitable neutral or manufacturer-approved tile cleaner. Follow the cleaning-product manufacturer's instructions.
- Remove spills and contaminants promptly. Cleaning frequency should reflect the location, traffic and contamination level.
- Do not use cleaning methods or chemicals that may damage grout, sealants, adjacent materials or any decorative/special surface finish. Confirm chemical compatibility before use.
- Avoid abrasive tools or cleaning methods that may scratch or alter the surface appearance.
- Maintain grout, flexible sealant and movement joints. Inspect them periodically and repair or replace deteriorated material where necessary.
- Where slip resistance is important, maintain the surface so that residues, oils, soap, coatings or other contaminants do not materially reduce slip performance.
- For further maintenance information [please refer to this link](#) for porcelain, ceramic & natural stone.



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