

Porcelaingres. Solid Stone.



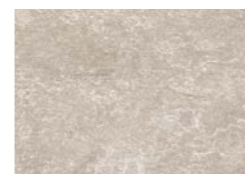
Technical Data

Solid Stone | Summary

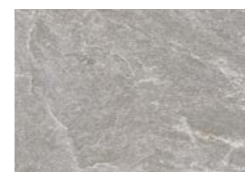


Collection: Solid Stone | Color: Solid Stone Beige

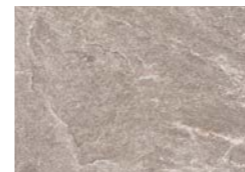
Colors



Solid Stone
Beige



Solid Stone
Grey



Solid Stone
Brown



Solid Stone
Anthracite

Technical features

Natural | R10 A+B | ≤ 6 mm



- 100×100

Natural | R10 A+B | ≤ 8 mm



- 120×60
- 60×60
- 60×30

Structured | R11 A+B+C | ≤ 20 mm



- 120×60
- 100×100
- 60×60

Specials

- Mosaic
- Bullnose
- Step



40% Raw material from recycling process products assessed and found to comply with the LEED and BREEAM regulations.



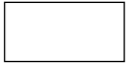
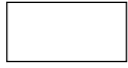
















[click here for](#)

Inspiration

Visit the collection webpage in other languages.


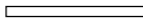












Solid Stone

Product details

										Slabs Variability Index
Format (cm)	120 × 60	120 × 60	100 × 100	100 × 100		60 × 60	60 × 60	60 × 30		
Thickness (mm)	±20 mm	±8 mm	±20 mm	±6 mm		±20 mm	±8 mm	±8 mm		
Finishing	Structured	Natural	Structured	Natural		Structured	Natural	Natural		The shade variation index is a rating to determine tile variation between individual pieces of the same color group.
Skid Resistance	R11 A+B+C	R10 A+B	R11 A+B+C	R10 A+B		R11 A+B+C	R10 A+B	R10 A+B		
Description	-	-	-	-		-	-	-		
Solid Stone Beige	X126460X2	X126460X8	X1010460X2	X1010460X6		X600460X2	X600460X8	X630460X8		 V3 different tone
Solid Stone Grey	X126461X2	X126461X8	X1010461X2	X1010461X6		X600461X2	X600461X8	X630461X8		 V3 different tone
Solid Stone Brown	X126462X2	X126462X8	X1010462X2	X1010462X6		X600462X2	X600462X8	X630462X8		 V3 different tone
Solid Stone Anthracite	X126463X2	X126463X8	X1010463X2	X1010463X6		X600463X2	X600463X8	X630463X8		 V3 different tone
Features	 CLEAN+	 GRIP+	 CLEAN+	 GRIP+		 CLEAN+	 GRIP+	 GRIP+		
										Note
pieces - box	1	2	1	2		2	4	8		
boxes - pallet	32	36	24	26		30	32	40		
sqm - box	0,72	1,44	1	2		0,72	1,44	1,44		
sqm - pallet	23,04	51,84	24	52		21,6	46,08	57,6		
kg - sqm	45,0226	17,79	45,50	14,06		45,2407	17,41	17,33		
kg - box	32,416	25,618	45,50	28,12		32,573	25,07	24,955		

Solid Stone

Product details

										Slabs Variability Index
Format (cm)	30 × 30	100 × 6,5	60 × 7	120 × 30	100 × 30	60 × 30				
Thickness (mm)	±8 mm	±6 mm	±8 mm	±8 mm	±6 mm	±8 mm				
Finishing	Natural	Natural	Natural	Natural	Natural	Natural				The shade variation index is a rating to determine tile variation between individual pieces of the same color group.
Skid Resistance	R10 A+B	-	-	R10 A+B	R10 A+B	R10 A+B				
Description	Mosaic 4,7 × 4,7	Bullnose	Bullnose	Step with grooves	Step with grooves	Step with grooves				
Solid Stone Beige	X370460X8	X1065460X6	X670460X8	X3213460X8	X3100460X6	X360460X8				 V3 different tone
Solid Stone Grey	X370461X8	X1065461X6	X670461X8	X3213461X8	X3100461X6	X360461X8				 V3 different tone
Solid Stone Brown	X370462X8	X1065462X6	X670462X8	X3213462X8	X3100462X6	X360462X8				 V3 different tone
Solid Stone Anthracite	X370463X8	X1065463X6	X670463X8	X3213463X8	X3100463X6	X360463X8				 V3 different tone
Features	 GRIP+			 GRIP+	 GRIP+	 GRIP+				
										Note
pieces - box	11	12	10	4	5	6				*Production upon request
boxes - pallet	-	-	-	-	-	-				
sqm - box	0,99	0,78	0,42	1,44	1,5	1,08				
sqm - pallet	-	-	-	-	-	-				
kg - sqm	1,57	0,92	0,78	6,4	4,2	3,12				
kg - box	17,27	11,04	7,8	25,6	21	18,72				

Technical product features

Declared values of production

Compliance with standards

The surfaces complies with the European standards EN 14411 (group B1a) and international standards ISO 13006 Annex G.

- ISO 10545-2 (Determination of dimensions and surface quality)
- ISO 10545-3 (Determination of water absorption)
- ISO 10545-4 (Determination of modulus of rupture and breaking strength)
- ISO 10545-6 (Determination of resistance to deep abrasion for unglazed tiles)
- ISO 10545-8 (Determination of linear thermal expansion)
- ISO 10545-9 (Determination of resistance to thermal shock)
- ISO 10545-12 (Determination of frost resistance)
- ISO 10545-13 (Determination of chemical resistance)
- ISO 10545-14 (Determination of resistance to stains)

And it must also guarantee conformity with:

- DIN 51094 (lightfastness of the colours)
- DIN EN 16165 - Annex B (to measure the surfaces suitability for laying in areas where people walk footwear. Defining the “R-value” of the surfaces according to the table below):

$\alpha < 6^\circ$ = not classified

$6^\circ \leq \alpha \leq 10^\circ$ = R9

$10^\circ < \alpha \leq 19^\circ$ = R10

$19^\circ < \alpha \leq 27^\circ$ = R11

$27^\circ < \alpha \leq 35^\circ$ = R12

$\alpha > 35^\circ$ = R13

- DIN EN 16165 - Annex A (to measure the surfaces suitability for laying in areas where people walk barefoot. Given an “A, B and C” value according to the table below):

$\alpha < 12^\circ$ = not classified












$12^\circ \leq \alpha < 18^\circ$ = A

$18^\circ \leq \alpha < 24^\circ$ = B (A+B)

$\alpha \geq 24^\circ$ = C (A+B+C)

Compliance with these characteristics is checked in accordance with the certified quality management system of the UNI-EN ISO 9001 standard in addition to being guaranteed by the manufacturer.

Porcelaingres surfaces are made with low environmental impact in accordance with LEED_ BREEAM guidelines by using both new strategies for the continuous improvement of environmental friendliness and the aim of reducing wasting of non-renewable resources, in addition to using natural raw materials commonly found in the environment and recycled materials.

Features	Norms	▲ Required standard	Declared values
 water absorption	ISO 10545-3	$\leq 0,5\%$	$< 0,05\%$
 sizes	ISO 10545-2	length and width $\pm 0,6\%$ max thickness $\pm 5,0\%$ max linearity $\pm 0,5\%$ max wedging $\pm 0,6\%$ max warpage $\pm 0,5\%$ max	$\pm 0,2\%$ max $\pm 5,0\%$ max $\pm 0,2\%$ max $\pm 0,2\%$ max $\pm 0,2\%$ max
 bending strength	ISO 10545-4	$\geq 35 \text{ N/mm}^2$	$> 48 \text{ N/mm}^2$ For 20mm slabs: $> 42 \text{ N/mm}^2$
 resistance to deep abrasion	ISO 10545-6	$\leq 175 \text{ N/mm}^3$	$\leq 140 \text{ mm}^3$
 thermal expansion coefficient	ISO 10545-8	testing method available	7 MK^{-1}
 thermal shock resistance	ISO 10545-9	testing method available	resistant
 frost resistance	ISO 10545-12	no sample must show alterations to surface	frost resistance
 chemical resistance	ISO 10545-13	no sample must show visible signs of chemical attack (acids-bases-additives for pools) except for products containing hydrofluoric acid and derivatives.	unaffected
 stain resistance	ISO 10545-14	unglazed tiles: testing method available	class 5
 colour resistance to light	DIN 51094	no sample must show noticeable colour change	no change in brightness or colour
 skid resistance average coefficient of friction (μ)	DIN EN 16165 Annex B		R10 – natural R11 – structured
	DIN EN 16165 Annex A		A+B A+B+C

Certifications

Sensitivity towards ethyca, environmental, safety and quality concerns

Product Certifications:



LEED certification: is a global system used in 40+ countries to check if buildings are environmentally friendly. The LEED (Leadership in Energy and Environmental Design) It evaluates how well a building is sustainable in terms of the environment, society, and economy. The slabs in this tool have over 40% recycled material, following the ISO 14021 standard, ensuring the highest LEED points.

BREEAM certification is a widely used global standard that measures how buildings impact the environment. It has strictw rules and checks based on the latest technology and knowledge. The rating system demands certifications based on strict technical parameters and quality control.

You can find the updated list of certified collections at www.porcelaingres.com/downloads/.



UPEC classification associated with the QB certification mark attests to the compliance of floor and wall coverings with the technical requirements set out in certification reference documents. It assigns classifications of use indicating that the durability of a product is appropriate for use on specific types of premises.

The list of the certified products is available at <http://evaluation.cstb.fr/>



CE MARK - It indicates that Porcelaingres products comply with the requirements of 305/2011 UE directive – in particular with regard to health production and the users and consumers' safety – and may thus be freely circulated on the Community market. **For the declarations of conformity of each single product, please refer to:** www.porcelaingres.com/downloads/.



放射性水平A类
See official listing

The **China Compulsory Certificate** mark, commonly known as a **CCC Mark**, is a compulsory safety mark for our Great Format products imported, sold or used in the Chinese market.

The certification is available at www.porcelaingres.com/downloads/.



EPD (Environmental Product Declaration): a voluntary type III product declaration, based on analysis of the product life cycle (with a "from cradle to grave" approach) in accordance with the EN 15804 standard. This declaration is drawn up with reference to the guidelines of the UNI EN ISO 14040 standard and the specific PCR (Product Category Rules). This document describes the environmental impact linked to the entire life cycle of a specific quantity of product. Our Company was the first to certify its products (see www.environdec.com) with specific EPD, validated by an independent third-party Body.

The certification is available at www.porcelaingres.com/downloads/.



GREENGUARD certification ensures indoor products have minimal emissions of volatile substances for healthier environments. GREENGUARD Gold Certification considers safety for sensitive individuals and approves products for use in places like schools and healthcare facilities. Widely recognized globally in sustainable building programs, it is referenced by The Collaborative for High Performance Schools (CHPS) and Leadership in Energy and Environmental Design (LEED) in the United States.

Certified collections can be found at <https://spot.ul.com/>.

Integrated Management System Certifications:



ISO 9001 certification: for corporate Quality system management. The certification, valid at an international level, concerns corporate management in its entirety, from research and development to production, and from distribution to customer support. This system certifies that the Company has implemented an internal quality management system.

The certification is available at www.porcelaingres.com/downloads/.



ISO 50001 certification: for organizations committed to addressing their impact, conserving resources and improving the bottom line through efficient energy management. The standard specifies the requirements for establishing, implementing, maintaining and improving an energy management system, whose purpose is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy security, energy use and consumption.

The certification is available at www.porcelaingres.com/downloads/.

Environmental Information and Labels:



Declare label: a badge for construction materials, essentially functioning as a voluntary self-disclosure program. This initiative furnishes details about the material's composition, final assembly locations, lifespan, end-of-life options, and overall adherence to pertinent Living Building Challenge® (LBC) requirements.

Accessible through a complimentary database, Declare® labels prove to be an essential tool for designers and architects, empowering them to specify products aligning with the criteria of key green building standards, including Core Green Building certifications, LBC, LEED, and WELL.

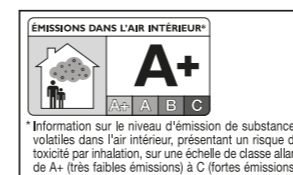
All our materials hold the classification of being "Red List Free," affirming their absence of chemicals listed in the Living Building Challenge's "Red List."

More info available at <https://declare.living-future.org/products/ceramic-slabs>.



ISO 14067 certification: is an international standard that outlines the principles and guidelines for measuring and communicating the carbon footprint of products. This certification focuses on assessing and managing the carbon emissions associated with all stages of a product's life cycle, from raw material extraction through production, distribution, use, and disposal.

The certification is available at www.porcelaingres.com/downloads/.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



Porcelaingres GmbH

Irisstraße 1
03226 Vetschau – Germany
Tel. +49 (0)35433 / 597-0

GranitiFiandre spa

Via Radici Nord, 112
42014 Castellarano (RE) – Italy
Tel. +39 0536 819611

Castellarano Showroom

Via Guido Reni 2
42014 Castellarano (RE) – Italy
www.porcelaingres.com
info@porcelaingres.com

Vetschau Showroom

Irisstraße 1
03226 Vetschau – Germany
www.porcelaingres.com
info@porcelaingres.com

A BRAND OF  IRIS
CERAMICA
GROUP

Search “PORCELAINGRES”
on your app store
www.porcelaingres.com/pdfapp



Note: Technical Data updated on July 2024

Colors and decors reproductions are approximate. All rights are reserved.
Total or partial reproduction of text or illustrations of this catalogue is
prohibited and is subject to legal sanctions. Data were updated at the
catalogue printing time; therefore, the listed data may alter.