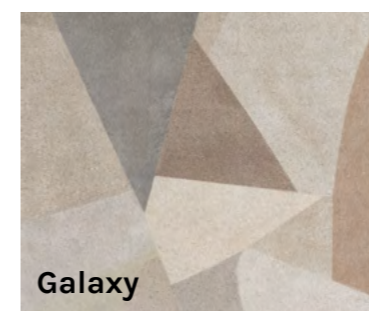
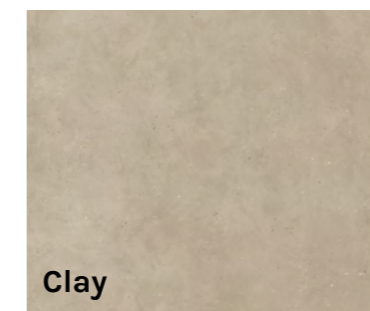
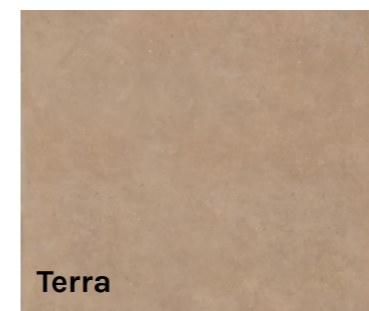
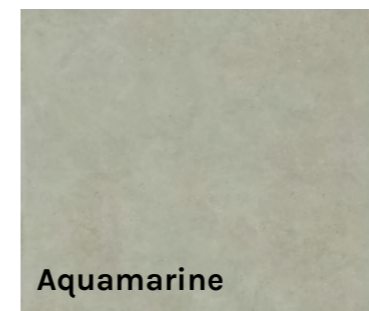
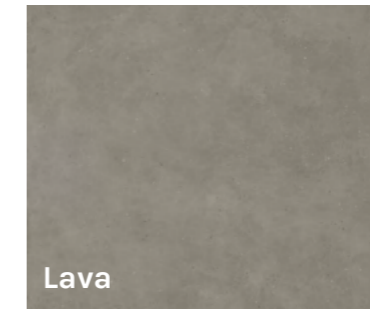
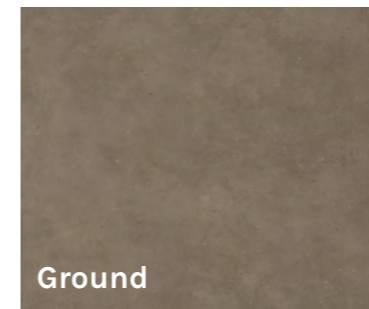
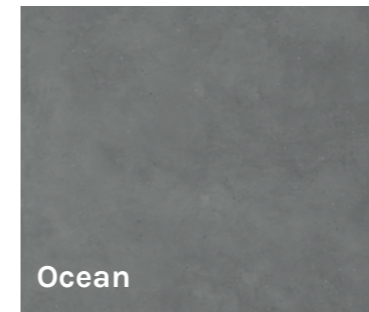


STARDUST

Technical Data

STARDUST

Collection summary



Finishings

Natural

Formats

100 × 100 - 120 × 60

60 × 60 - 60 × 30

Specials

Decor - Mosaic - Bullnose - Step


Thicknesses


⚡ 6 - 8 mm

Skid Resistances

R10 A+B UGL

Features

 **LOOK+**
Full body generation

 **GRIP+**
More slip resistance



























Inspiration

[Click here](#) for the collection webpage in other languages.



STARDUST

Product details

												Slabs Variability Index
Format (cm)	120 x 60 x 0,8	100 x 100 x 0,6	60 x 60 x 0,8	60 x 30 x 0,8	30 x 30 x 0,8		100 x 6,5 x 0,6	60 x 7 x 0,8	120 x 30 x 0,8	100 x 30 x 0,6	60 x 30 x 0,8	The shade variation index is a rating to determine tile variation between individual pieces of the same color group.
Format (inch)	48" x 24"	40" x 40"	24" x 24"	24" x 12"	12" x 12"		40" x 2,5"	24" x 3"	48" x 12"	40" x 12"	24" x 12"	
Finishing	Natural	Natural	Natural	Natural	Natural		Natural	Natural	Natural	Natural	Natural	
Skid Resistance	R10 A+B UGL	R10 A+B UGL	R10 A+B UGL	R10 A+B UGL	R10 A+B UGL		-	-	R10 A+B UGL	R10 A+B UGL	R10 A+B UGL	The shade variation index is a rating to determine tile variation between individual pieces of the same color group.
Description	-	-	-	-	Mosaic 4,7 x 4,7		Bullnose	Bullnose	Step with grooves	Step with grooves	Step with grooves	
Ocean	X126410X8	X1010410X6	X600410X8	X630410X8	X370410X8		X1065410X6	X670410X8	X3213410X8	X3100410X6	X360410X8	 V3 different tone
Ground	X126411X8	X1010411X6	X600411X8	X630411X8	X370411X8		X1065411X6	X670411X8	X3213411X8	X3100411X6	X360411X8	 V3 different tone
Aquamarine	X126412X8	X1010412X6	X600412X8	X630412X8	X370412X8		X1065412X6	X670412X8	X3213412X8	X3100412X6	X360412X8	 V3 different tone
Terra	X126413X8	X1010413X6	X600413X8	X630413X8	X370413X8		X1065413X6	X670413X8	X3213413X8	X3100413X6	X360413X8	 V3 different tone
Ash	X126414X8	X1010414X6	X600414X8	X630414X8	X370414X8		X1065414X6	X670414X8	X3213414X8	X3100414X6	X360414X8	 V3 different tone
Lava	X126415X8	X1010415X6	X600415X8	X630415X8	X370415X8		X1065415X6	X670415X8	X3213415X8	X3100415X6	X360415X8	 V3 different tone
Moonlight	X126416X8	X1010416X6	X600416X8	X630416X8	X370416X8		X1065416X6	X670416X8	X3213416X8	X3100416X6	X360416X8	 V2 slightly different tone
Clay	X126417X8	X1010417X6	X600417X8	X630417X8	X370417X8		X1065417X6	X670417X8	X3213417X8	X3100417X6	X360417X8	 V3 different tone
Galaxy	X12641MIXX8		X60041MIXX8									 V3 different tone
Features	  GRIP+ LOOK+	  GRIP+ LOOK+	  GRIP+ LOOK+	  GRIP+ LOOK+	  GRIP+ LOOK+		 LOOK+	 LOOK+	  GRIP+ LOOK+	  GRIP+ LOOK+	  GRIP+ LOOK+	
												Note
pieces - box	2	2	4	8	11		12	10	4	5	6	*Production upon request
boxes - pallet	36	26	32	40	-		-	-	-	-	-	
sqm - box	1,44	2	1,44	1,44	0,99		0,78	0,42	1,44	1,5	1,08	
sqm - pallet	51,84	52	46,08	57,6	-		-	-	-	-	-	
kg - sqm	17,79	14,06	17,41	17,33	1,57		0,92	0,78	6,4	4,2	3,12	
kg - box	25,618	28,12	25,07	24,955	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 ISO13006 annex G.

- EN ISO 10545.2 (Determination of dimensions and surface quality)
- EN ISO 10545.3 (Determination of water absorption)
- EN ISO 10545.4 (Determination of modulus of rupture and breaking strength)
- EN ISO 10545.6 (Determination of resistance to deep abrasion for unglazed tiles)
- EN ISO 10545.8 (Determination of linear thermal expansion)
- EN ISO 10545.9 (Determination of resistance to thermal shock)
- EN ISO 10545.12 (Determination of frost resistance)
- EN ISO 10545.13 (Determination of chemical resistance)
- EN 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	≤ 0,5%	≤ 0,05%
 sizes	ISO 10545.2	length and width ± 0,6% max thickness ± 5,0% max linearity ± 0,5% max wedging ± 0,6% max warpage ± 0,5% max	± 0,2% max ± 5,0% max ± 0,2% max ± 0,2% max ± 0,2% max
 bending strength	ISO 10545.4	≥ 35 N/mm ²	≥ 48N/mm ²
 resistance to deep abrasion	ISO 10545.6	≤ 175 N/mm ³	≤ 140 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
	DIN EN 16165 Annex A		A+B

Certifications

Sensitivity towards ethcal, environmental, safety and quality issue



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/.



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/.**



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.

Recording no. S-P-01439 can be found on the website www.environdec.com



LEED certification: already widespread and active in more than 40 countries, the LEED (Leadership in Energy and Environmental Design) certification system assesses and attests to the environmental, social and economic sustainability of buildings considered as a whole. According to the LEED classification criteria, highly environmentally sustainable construction materials contribute to achieving credits and increasing the points for the building. All the slabs presented in this instrument are certified to contain percentage of recycled material higher than 40% in accordance with the ISO 14021 standard, thus guaranteeing the highest points according to the LEED system.

BREEAM certification it is the most widespread standard in the world and it is designed to measure the environmental impact of buildings by applying specific criteria for assessing the sustainability of the construction. The rating system requires types of certification determined by strict technical parameters and quality control which in turn are based on the most recent technology and knowledge available.

The updated list of certified collections 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/.



放射性水平A类
See official listing

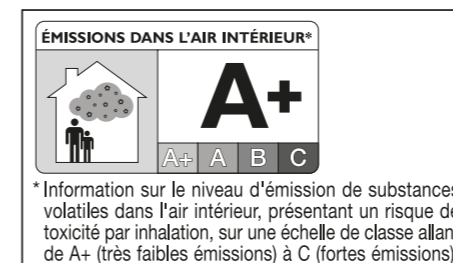
The **China Compulsory Certificate** mark, commonly known as a **CCC Mark**, is a compulsory safety mark for our Great Format products imported, sold or used in the Chinese market.

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



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/>



* 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 - Deutschland
Tel +49 (0)35433 / 597-0
Fax +49 (0)35433 / 597-170

Porcelaingres by GranitiFiandre

Via Radici Nord 112
42014 Castellarano (RE) - Italy
Tel +39 0536 819611
Fax +39 0536 858082
Fax +39 0536 850088

Castellarano Showroom

Via Guido Reni 2
42014 Castellarano (RE) - Italy

www.porcelaingres.com
info@porcelaingres.com

USEFUL RESOURCES

Our aim is to support our customers from the design phase through to installation and maintenance. Visit "www.porcelaingres.com/Downloads"

Certifications



Manuals



Technical Dat



Digital Catalogues



KEEP UP-TO-DATE WITH OUR APP

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



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. The tables with the data referred to the content per box and to the packing weight are update at the catalogue printing time; therefore the listed data can be altered.