

Porcelaingres. Stardust.



Technical Data

Stardust | Summary



Stardust Collection – Color: Ground

Colors



Ocean



Lava



Ash



Moonlight



Aquamarine



Ground



Terra



Clay



Galaxy

Technical features

Natural | R10 A+B | ± 6 mm

- 100×100



Natural | R10 A+B | ± 8 mm

- 120×60 + Galaxy Decor
- 60×60 + Galaxy Decor
- 60×30



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.

Stardust

Product details

												Slabs Variability Index
Format (cm)	120×60	100×100	60×60	30×60	30×30		100×6,5	60×7	120×30	100×30	60×30	
Thickness (mm)	±8 mm	±6 mm	±8 mm	±8 mm	±8 mm		±6 mm	±8 mm	±8 mm	±6 mm	±8 mm	
Finishing	Natural	Natural	Natural	Natural	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	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	
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 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	$\leq 0,5\%$	$\leq 0,05\%$
 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	$\geq 35 \text{ N/mm}^2$	$\geq 48 \text{ N/mm}^2$
 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 derivates.	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 ethycal, 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:

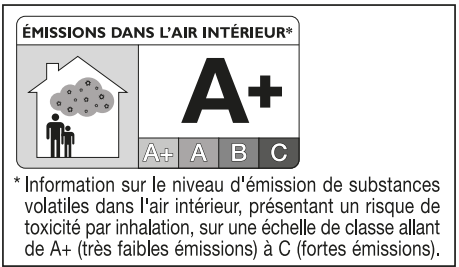


Declare label: a badge for construction materials, essentially functioning as a voluntary self-disclosure program. This initiative furnishes details about the material's composition, final assembly locations, lifespan, end-of-life options, and overall adherence to pertinent Living Building Challenge®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





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