Porcelaingres.
Just Grey.

Technical Data

Just Grey | Summary

Just Grey Collection – Colors: White / Light Grey

Colors

Super Black	Black
Dark Grey	Grey
Mid Grey	Light Grey
White	Super White

Technical features

Natural | R10 A | ⌇ 8 mm

- 120 × 60
- 60 × 60
- 60 × 30

Structured | R11 A+B+C | ⌇ 8 mm

- 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.

Just Grey

Product details

	120 × 60	60 × 60		60 × 30	30 × 30 *		60 × 7	120 × 30 *	60 × 30 *			Slabs Variability Index
Format (cm)	120 × 60	60 × 60		60 × 30	30 × 30		60 × 7	120 × 30	60 × 30			
Thickness (mm)	⚊8 mm	⚊8 mm		⚊8 mm	⚊8 mm		⚊8 mm	⚊8 mm	⚊8 mm			The shade variation index is a rating to determine tile variation between individual pieces of the same color group.
Finishing	Natural	Natural	Structured	Natural	Natural		Natural	Natural	Natural			
Skid Resistance	R10 A	R10 A	R11 A+B+C	R10 A	R10 A+B		-	R10 A	R10 A			
Description	-	-	-	-	Mosaic 3,1 × 3,1		Bullnose	Step with grooves	Step with grooves			
Super Black	X126122X8	X600122X8	T600122X8	X630122X8	X373122X8		X670122X8	X3213122X8	X360122X8			V1 uniform tone
Black	X126110X8	X600110X8	T600110X8	X630110X8	X373110X8		X670110X8	X3213110X8	X360110X8			V1 uniform tone
Dark Grey	X126111X8	X600111X8	T600111X8	X630111X8	X373111X8		X670111X8	X3213111X8	X360111X8			V1 uniform tone
Grey	X126112X8	X600112X8	T600112X8	X630112X8	X373112X8		X670112X8	X3213112X8	X360112X8			V1 uniform tone
Mid Grey	X126121X8	X600121X8	T600121X8	X630121X8	X373121X8		X670121X8	X3213121X8	X360121X8			V1 uniform tone
Light Grey	X126113X8	X600113X8	T600113X8	X630113X8	X373113X8		X670113X8	X3213113X8	X360113X8			V1 uniform tone
White	X126114X8	X600114X8	T600114X8	X630114X8	X373114X8		X670114X8	X3213114X8	X360114X8			V1 uniform tone
Super White	X126120X8	X600120X8	T600120X8	X630120X8	X373120X8		X670120X8	X3213120X8	X360120X8			V1 uniform tone

												Note
pieces - box	2	4		8	11		10	4	6			*Production upon request
boxes - pallet	36	32		40	-		-	-	-			
sqm - box	1,44	1,44		1,44	0,99		0,42	1,44	1,08			
sqm - pallet	51,84	46,08		57,6	-		-	-	-			
kg - sqm	17,79	17,79		17,79	1,57		0,78	6,4	3,12			
kg - box	25,618	25,618		25,618	17,27		7,8	25,6	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° $ = not classified

  $6° \leq \alpha \leq 10°$ = R9

  $10° < \alpha \leq 19°$ = R10

  $19° < \alpha \leq 27°$ = R11

  $27° < \alpha \leq 35°$ = R12

  $\alpha > 35°$ = 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):

  $\alpha < 12°$ = not classified

  $12° \leq \alpha < 18°$ = A

  $18° \leq \alpha < 24°$ = B (A+B)

  $\alpha \geq 24°$ = 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/mm²	> 48N/mm²
resistance to deep abrasion	ISO 10545-6	≤ 175 N/mm³	140 mm³
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 R11 - structured
	DIN EN 16165 Annex A		A – natural A+B+C - structured

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/.**

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/.

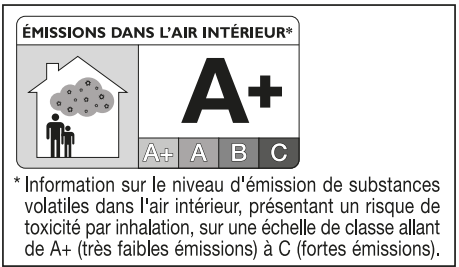## Environmental Information and Labels:

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.

ÉMISSIONS DANS L'AIR INTÉRIEUR*

A+

A+ A B C

* 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).

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