Porcelaingres. Great Royal Stone.
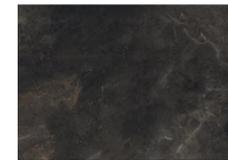
Great Royal Stone | Summary

Collection: Great Royal Stone | Color: Great Palladium Grey

Colors

Great Black
Diamond

Great Palladium
Grey

Great Platinum
White

Technical features

Natural Plus | R10 A ⌶ 6 mm

- 300 × 150
- 270 × 120
- 150 × 150
- 150 × 75
- 120 × 120
- 75 × 75
- 75 × 37,5

Specials

- Bullnose

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

Great Royal Stone

Product details

Format (cm)	300 × 150	270 × 120	150 × 150	150 × 75	120 × 120	75 × 75		75 × 37,5	75 × 6,5					Slabs Variability Index
Thickness (mm)	6 mm	6 mm	6 mm	6 mm	6 mm	6 mm		6 mm	6 mm					The shade variation index is a rating to determine tile variation between individual pieces of the same color group.
Finishing	Natural Plus	Natural Plus	Natural Plus	Natural Plus	Natural Plus	Natural Plus		Natural Plus	Natural Plus					
Skid Resistance	R10 A	R10 A	R10 A	R10 A	R10 A	R10 A		R10 A	-					
Description	–	–	–	–	–	–		–	Bullnose					
Great Black Diamond	X3015380X6	X2712380X6	X1515380X6	X1575380X6	X1212380X6	X7575380X6		X7537380X6	X765380X6					**V3** different tone
Great Palladium Grey	X3015382X6	X2712382X6	X1515382X6	X1575382X6	X1212382X6	X7575382X6		X7537382X6	X765382X6					**V3** different tone
Great Platinum White	X3015384X6	X2712384X6	X1515384X6	X1575384X6	X1212384X6	X7575384X6		X7537384X6	X765384X6					**V3** different tone

														Note
pieces - box	min. 2	min. 3	min. 4	2	2	3		6	12					All articles of the GREAT collections are produced on order in Castellarano factory (Italy).
boxes - pallet	12	16	24	26	26	38		44	-					
sqm - box	4,50	3,24	2,25	2,25	2,88	1,69		1,69	0,585					
sqm - pallet	54,00	51,84	54,00	58,50	74,88	64,14		74,27	-					
kg - sqm	14,07	14,07	14,07	14,07	14,07	14,07		14,07	0,69					
kg - box	63,32	45,59	31,66	31,66	40,52	23,74		23,74	8,28					

Packaging details

Great Collections | Large slabs

Crate with pudding layers Package informations	Format Slab in cm	Slabs Max. capacity	Boxes Max. capacity	Sqm Max. capacity	Kg Max. capacity	Price € - Euro	Note Important recommendations
Size: 322 × 163 × h.34 cm Weight: 117 kg Code: MAX-IMB11L	300 × 150	12	-	54,00	876,80	-	- minimum order: 2 slabs per crate; - no more than 6 items (colors) per crate allowed; Loading on lorry: - stack max. 6 crates on lorry; - max. 24 crates on lorry (4 spaces) within total weight limits; - option of placing 2 euro-pallets next to each stack
Size: 325 × 113 × h.37 cm Weight: 104 kg Code: MAX-IMB01L	300 × 100	16	-	48,00	779,40	-	- minimum order: 3 slabs per crate; - no more than 6 items (colors) per crate allowed; Loading on lorry: - stack max. 5 crates on lorry; - max. 32 crates on lorry (8 spaces) within total weight limits; - option of placing crates next to each other
Size: 290 × 132 × h.37 cm Weight: 100 kg Code: MAX-IMB01L	270 × 120	16	-	51,84	740,00	-	- minimum order: 3 slabs per crate; - no more than 6 items (colors) per crate allowed; Loading on lorry: - stack max. 5 crates on lorry; - max. 32 crates on lorry (8 spaces) within total weight limits; - option of placing crates next to each other
Size: 172 × 163 × h.41 cm Weight: 68 kg Code: MAX-IMB02L	150 × 150	24	-	54,00	827,80	-	- minimum order: 4 slabs per crate; - each crate must contain an even number of slabs per item; - no more than 6 items (colors) per crate allowed; Loading on lorry: - stack max. 5 crates on lorry; - max. 28 crates on lorry (7 spaces) within total weight limits; - option of placing 1 euro-pallet next to each stack

Packaging details

Great Collections | Large slabs

Rack Package informations	Format Slab in cm	Slabs Max. capacity	Boxes Max. capacity	Sqm Max. capacity	Kg Max. capacity	Price € - Euro	Note Important recommendations
Size: 312 × 74 × h.191 cm Weight: 227 kg Code: MAX-IMB04C	300 × 150	50	-	225,00	3392,80	-	- one rack may contain up 5 different items (colors); - the rack must be filled to the maximum capacity specified; - in order to optimise space, this rack may be filled with 48 slabs (instead of 2 racks with 24 slabs each)
Size: 312 × 70 × h.191 cm Weight: 194 kg Code: MAX-IMB03C	300 × 150	24	-	108,00	1713,60	-	- one rack may contain up 5 different items (colors); - the rack must be filled to the maximum capacity specified
Size: 312 × 74 × h.140 cm Weight: 180 kg Code: MAX-IMB04C	300 × 100	50	-	150,00	2290,50	-	- one rack may contain up 5 different items (colors); - the rack must be filled to the maximum capacity specified; - in order to optimise space, this rack may be filled with 48 slabs (instead of 2 racks with 24 slabs each)
Size: 312 × 70 × h.140 cm Weight: 158 kg Code: MAX-IMB07C	300 × 100	32	-	96,00	1508,50	-	- one rack may contain up 5 different items (colors); - the rack must be filled to the maximum capacity specified
Size: 312 × 74 × h.191 cm Weight: 227 kg Code: MAX-IMB08C	270 × 120	50	-	162,00	2506,34	-	- one rack may contain up 5 different items (colors); - the rack must be filled to the maximum capacity specified; - in order to optimise space, this rack may be filled with 48 slabs (instead of 2 racks with 24 slabs each)
Size: 161 × 74 × h.191 cm Weight: 85 kg Code: MAX-IMB05C	150 × 150	48	-	108,00	1604,60	-	- one rack may contain up 5 different items (colors); - the rack must be filled to the maximum capacity specified

Packaging details

Great Collections | Large slabs

Tall Crate Package informations		Format Slab in cm	Slabs Max. capacity	Boxes Max. capacity	Sqm Max. capacity	Kg Max. capacity	Price € - Euro	Note Important recommendations
	Size: 171 × 112 × h.65 cm Weight: 72 kg Code: MAX.IMBCG	150 × 100	40	40	60,00	916,20	-	- minimum order: 2 boxes (= 2 slabs); - each crate must contain an even number of slabs/boxes; - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 30 tall crates on lorry (15 spaces) within total weight limits
	Size: 172 × 89 × h.65 cm Weight: 59 kg Code: MAX-IMBCG	150 × 75	52	26	58,50	882,10	-	- minimum order: 1 box (= 2 slabs); - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 30 tall crates on lorry (15 spaces) within total weight limits
	Size: 172 × 89 × h.65 cm Weight: 59 kg Code: MAX-IMBCG	75 × 37,5	264	44	74,25	1103,70	-	- minimum order: 1 box (= 6 slabs): - one tall crate may contain up 3 different items (colors); for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 30 tall crates on lorry (15 spaces) within total weight limits
	Size: 141 × 132 × h.65 cm Weight: 70 kg Code: MAX-IMBCG12	120 × 120	52	26	74,88	1060,00	-	- minimum order: 1 box (= 2 slabs): - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 44 tall crates on lorry (22 spaces) within total weight limits
	Size: 121 × 112 × h.65 cm Weight: 55 kg Code: MAX-IMBCG	100 × 100	52	26	52,00	786,70	-	- minimum order: 1 box (= 2 slabs): - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 44 tall crates on lorry (22 spaces) within total weight limits
	Size: 172 × 89 × h.65 cm Weight: 59 kg Code: MAX-IMBCG	75 × 75	114	38	64,13	961,31	-	- minimum order: 1 box (= 3 slabs): - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 30 tall crates on lorry (15 spaces) within total weight limits

Packaging details
Great Collections | Large slabs

Short Crate		Format	Slabs	Boxes	Sqm	Kg	Price	Note
Package informations		Slab in cm	Max. capacity	Max. capacity	Max. capacity	Max. capacity	€ - Euro	Important recommendations
	Size: 171 × 112 × h.40 cm Weight: 54 kg Code: MAX-IMBCP	150 × 100	18	18	27,00	433,90	-	- minimum order: 1 box (= 2 slabs): - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 30 tall crates on lorry (15 spaces) within total weight limits
	Size: 172 × 89 × h.41 cm Weight: 47 kg Code: MAX-IMBCP	150 × 75	24	12	27,00	426,90	-	- minimum order: 1 box (= 2 slabs): - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 30 tall crates on lorry (15 spaces) within total weight limits
	Size: 172 × 89 × h.41 cm Weight: 47 kg Code: MAX-IMBCP	75 × 37,5	120	20	33,75	521,90	-	- minimum order: 1 box (= 6 slabs): - one tall crate may contain up 3 different items (colors); for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 30 tall crates on lorry (15 spaces) within total weight limits
	Size: 141 × 132 × h.41 cm Weight: 60 kg Code: MAX-IMBCP12	120 × 120	24	12	34,56	486,50	-	- minimum order: 1 box (= 2 slabs): - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 44 tall crates on lorry (22 spaces) within total weight limits
	Size: 121 × 112 × h.41 cm Weight: 44 kg Code: MAX-IMBCP	100 × 100	24	12	24,00	381,70	-	- minimum order: 1 box (= 2 slabs): - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 44 tall crates on lorry (22 spaces) within total weight limits
	Size: 172 × 89 × h.41 cm Weight: 47 kg Code: MAX-IMBCP	75 × 75	54	18	30,38	474,50	-	- minimum order: 1 box (= 3 slabs): - one tall crate may contain up 3 different items (colors) for the same size while the short crate only 2 different items; Loading on lorry: - stack max. 3 tall crates on lorry; - max. 30 tall crates on lorry (15 spaces) within total weight limits

Packaging details

Great Collections | Large slabs

Container	Tailor-made packaging	Note
Package informations	**Max. capacity**	**Important recommendations**

20 FOOT CONTAINER

Size: 5,90 × 2,32 × h. 2,35 meters

	• 6 crates 300×150; • 10 crates 300×100 + 5 crates 150×150; • 10 crates 300×100 + 10 tall crates 150×100; • 10 crates 300×100 + 6 tall crates 75×37,5\75×75\150×75; • 10 crates 300×100 + 12 tall crates 100×100; • 15 crates 150×150 + 3 tall crates 75×37,5\75×75\150×75; • 12 tall crates 120×120 (within weight limits); • 27 tall crates 100×100 (within weight limits); • 18 tall crates 75×37,5\75×75\150×75; • 18 tall crates 150×100.	

40 FOOT CONTAINER

Size: 11,90 × 2,33 × h. 2,35 meters*

	• 18 crates 300×150; • 30 crates 300×100 + 5 crates 150×150; • 30 crates 300×100 + 6 tall crates 75×37,5\75×75\150×75; • 30 crates 300×100 + 6 tall crates 100×100; • 30 crates 300×100 + 10 tall crates 150×100; • 24 tall crates 120×120 (within weight limits); • 35 tall crates 150×150 (within weight limits).	*concerning the 120×120, 100×100 or 75×37,5\75×75\150×75 formats, calculation must take weight into account (the space is never completely filled as weight would be exceeded)

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
	DIN EN 16165 Annex A		A

Certifications

Sensitivity towards ethycal, environmental, safety and quality concerns

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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/.

放射性水平A类
See official listing

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/.

The **Cradle to Cradle** certification recognizes sustainable products, focusing on material health, recyclability, renewable energy, water use, and social fairness. It promotes a circular economy by encouraging reusable or upcycled products, reducing waste and environmental impact. **Available exclusively for our Great Collections (Large format).**

The certification is available at https://c2ccertified.org/certified-products/porcelain-stoneware-slabs.

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