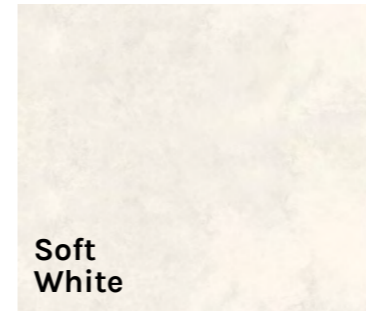


# SOFT CONCRETE

Technical Data

# SOFT CONCRETE

Collection summary



Soft  
White



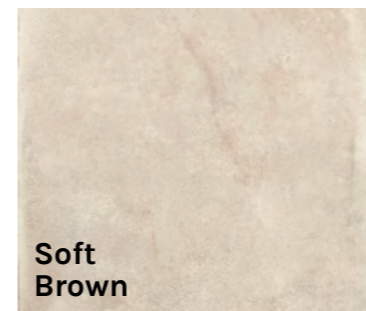
Soft  
White\_hexagon decor



Soft  
Beige



Soft  
Beige\_hexagon decor



Soft  
Brown



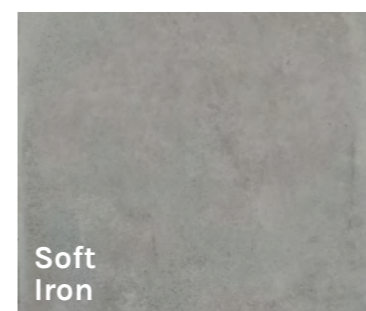
Soft  
Brown\_hexagon decor



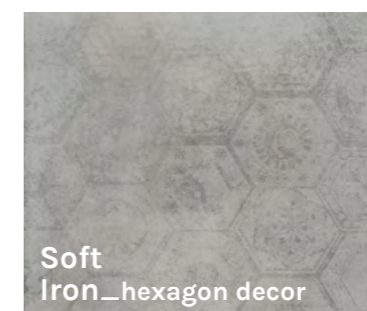
Soft  
Silver



Soft  
Silver\_hexagon decor



Soft  
Iron



Soft  
Iron\_hexagon decor

## Finishings

Natural

## Formats

100 × 100 - 120 × 60

60 × 60 - 60 × 30

## Specials

Decor - Mosaic - Bullnose - Step

## Thicknesses


6 - 8 - 20 mm


## Skid Resistances

R10 A+B UGL

R11 A+B+C UGL

## Features

 **GRIP+**  
More slip resistance

 **CLEAN+**  
Easy to clean






















## Inspiration

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



# SOFT CONCRETE

## Product details

										<b>Slabs Variability Index</b>
<b>Format (cm)</b>	120×60×2	120×60×0,8	120×60×0,8	100×100×0,6		60×60×2	60×60×0,8	60×60×0,8	60×30×0,8	The shade variation index is a rating to determine tile variation between individual pieces of the same color group.
<b>Format (inch)</b>	48"×24"	48"×24"	48"×24"	40"×40"		24"×24"	24"×24"	24"×24"	24"×12"	
<b>Finishing</b>	Natural	Natural	Natural	Natural		Natural	Natural	Natural	Natural	
<b>Skid Resistance</b>	R11 A+B+C UGL	R10 A+B UGL	R10 A+B UGL	R10 A+B UGL		R11 A+B+C UGL	R10 A+B UGL	R10 A+B UGL	R10 A+B UGL	
<b>Description</b>	-	-	Hexagon decor	-		-	-	Hexagon decor	-	
<b>Soft White</b>	X126320X2	X126320X8	X1266320X8	X1010320X6		X600320X2	X600320X8	X606320X8	X630320X8	 <b>V3</b> different tone
<b>Soft Beige</b>		X126321X8	X1266321X8	X1010321X6			X600321X8	X606321X8	X630321X8	 <b>V3</b> different tone
<b>Soft Brown</b>	X126323X2	X126323X8	X1266323X8	X1010323X6		X600323X2	X600323X8	X606323X8	X630323X8	 <b>V3</b> different tone
<b>Soft Silver</b>		X126324X8	X1266324X8	X1010324X6			X600324X8	X606324X8	X630324X8	 <b>V3</b> different tone
<b>Soft Iron</b>	X126325X2	X126325X8	X1266325X8	X1010325X6		X600325X2	X600325X8	X606325X8	X630325X8	 <b>V3</b> different tone
<b>Features</b>	 <b>CLEAN+</b>	 <b>GRIP+</b>	 <b>GRIP+</b>	 <b>GRIP+</b>		 <b>CLEAN+</b>	 <b>GRIP+</b>	 <b>GRIP+</b>	 <b>GRIP+</b>	
										<b>Note</b>
<b>pieces - box</b>	1	2	2	2		2	4	8		
<b>boxes - pallet</b>	32	36	26	30		32	40			
<b>sqm - box</b>	0,72	1,44	2	0,72		1,44	1,44			
<b>sqm - pallet</b>	23,04	51,84	52	21,6		46,08	57,6			
<b>kg - sqm</b>	45,0226	17,79	14,06	45,2407		17,41	17,33			
<b>kg - box</b>	32,416	25,618	28,12	32,573		25,07	24,955			



# 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
 <b>water absorption</b>	ISO 10545-3	≤ 0,5%	< 0,05%
 <b>sizes</b>	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
 <b>bending strength</b>	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	> 48N/mm <sup>2</sup> For 20mm slabs: > 42N/mm <sup>2</sup>
 <b>resistance to deep abrasion</b>	ISO 10545-6	≤ 175 N/mm <sup>3</sup>	≤ 140 mm <sup>3</sup>
 <b>thermal expansion coefficient</b>	ISO 10545-8	testing method available	7 MK <sup>-1</sup>
 <b>thermal shock resistance</b>	ISO 10545-9	testing method available	resistant
 <b>frost resistance</b>	ISO 10545-12	no sample must show alterations to surface	frost resistance
 <b>chemical resistance</b>	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
 <b>stain resistance</b>	ISO 10545-14	unglazed tiles: testing method available	class 5
 <b>colour resistance to light</b>	DIN 51094	no sample must show noticeable colour change	no change in brightness or colour
 <b>skid resistance average coefficient of friction (μ)</b>	DIN EN 16165 Annex B		R10 – natural R11 - natural
	DIN EN 16165 Annex A		A+B – natural A+B+C - natural

# 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/](http://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/](http://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](http://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](http://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/](http://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/](http://www.porcelaingres.com/downloads/).



放射性水平A类  
See official listing

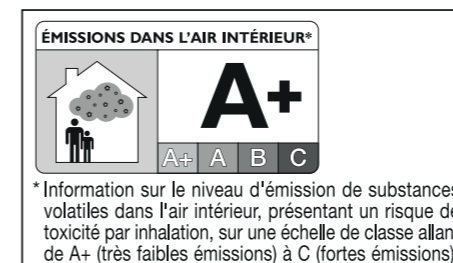
The **China Compulsory Certificate** mark, commonly known as a **CCC Mark**, is a compulsory safety mark for our Great Format products imported, sold or used in the Chinese market.

The certification is available at [www.porcelaingres.com/downloads/](http://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).

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