90x180, 29.5x180 & 120x120

Porcelain Surfaces

RAK
CERAMICS

RAK
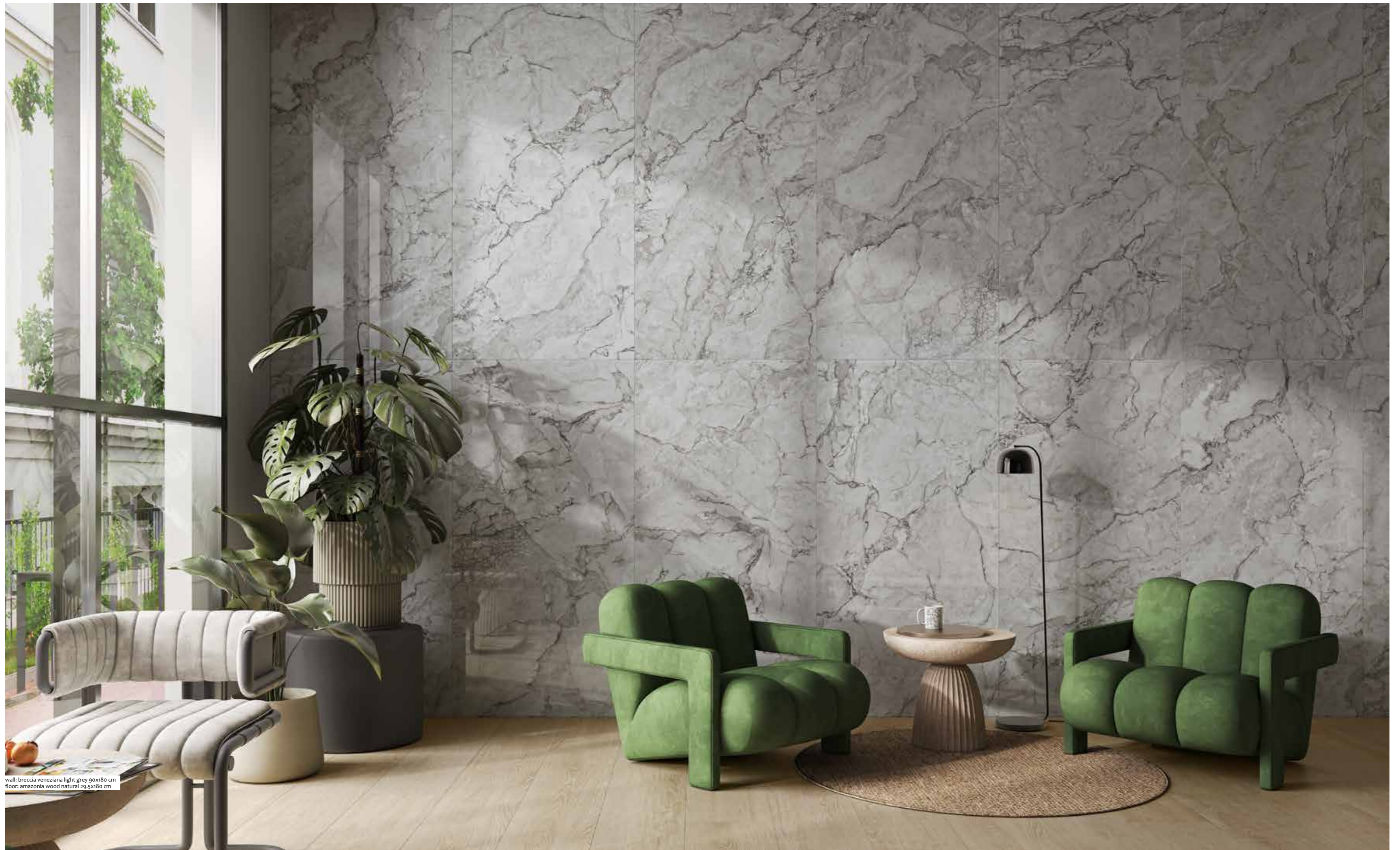CERAMICS

wall: baltico beige 90x180 cm

wall: iceland white 90x180 cm
floor: iceland white 120x120 cm

wall: travertine cross cut ivory 90x180 cm
floor: travertine cross cut beige 120x120 cm

wall: breccia veneziana light grey 90x180 cm
floor: amazonia wood natural 29.5x180 cm

wall: statuario vitruvio white 90x180 cm
floor: amazonia wood taupe 29.5x180 cm

wall and floor: marble treviso white 120x120 cm

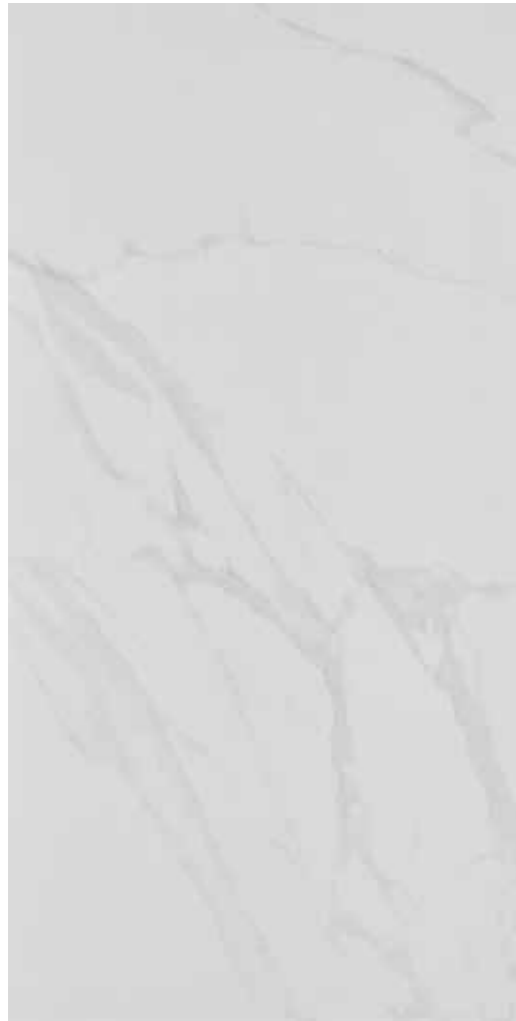wall: pontino ivory 90x180 cm
floor: pontino ivory 120x120 cm

wall and floor: travertine cross cut beige 120x120 cm
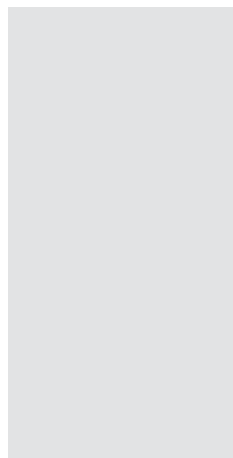
Bianco Venato

PORCELAIN TILES
Honed / Polished • Rectified • Smooth

bianco venato white 90x180 cm faces

bianco venato white

SIZES

90x180 cm
35.43"x70.86"

Name	Code (Honed)	Code (Polished)	Size(CM)
bianci venato white	A93GBACV-WHE.O0X5P	A93GBACV-WHE.N0X5P	90x180

Breccia Veneziana
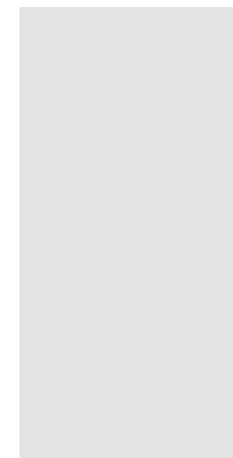
PORCELAIN TILES
Polished • Rectified • Smooth

breccia veneziana light grey 90x180 cm faces

breccia veneziana light grey

SIZES

90x180 cm
35.43"x70.86"

Name	Code	Size(CM)
breccia veneziana light grey	A93GBCVZ-LIG.N0X5P	90x180

Calacatta Soft

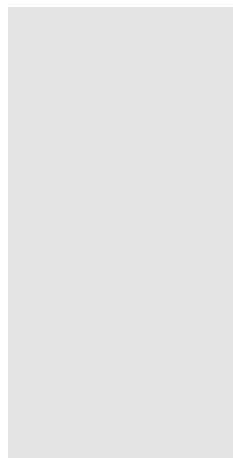PORCELAIN TILES
Honed / Polished • Rectified • Smooth

calacatta soft white

calacatta soft white 90x180 cm faces

SIZES

90x180 cm
35.43"x70.86"

Name	Code (Honed)	Code (Polished)	Size(CM)
calacatta soft white	A93GCCSF-WHE.O0X5P	A93GCCSF-WHE.N0X5P	90x180

Elegant Marfil

PORCELAIN TILES
Polished • Rectified • Smooth

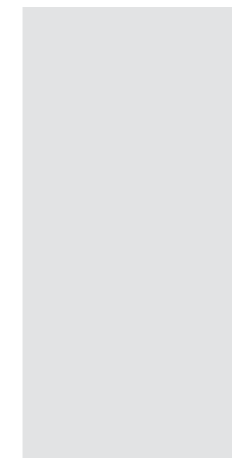elegant marfil crema

elegant marfil crema 90x180 cm faces

SIZES

90x180 cm
35.43"x70.86"

Name	Code	Size(CM)
elegant marfil crema	A93GEGMF-CRM.N0X5P	90x180

Extra Bianco Statuario

PORCELAIN TILES
Honed / Polished • Rectified • Smooth

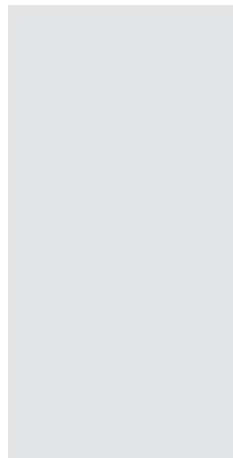

extra bianco statuario white

extra bianco statuario white 90x180 cm faces

SIZES

90x180 cm
35.43"x70.86"

Name	Code (Honed)	Code (Polished)	Size(CM)
extra bianco statuario white	A93GEXBS-WHE.O0X5P	A93GEXBS-WHE.N0X5P	90x180
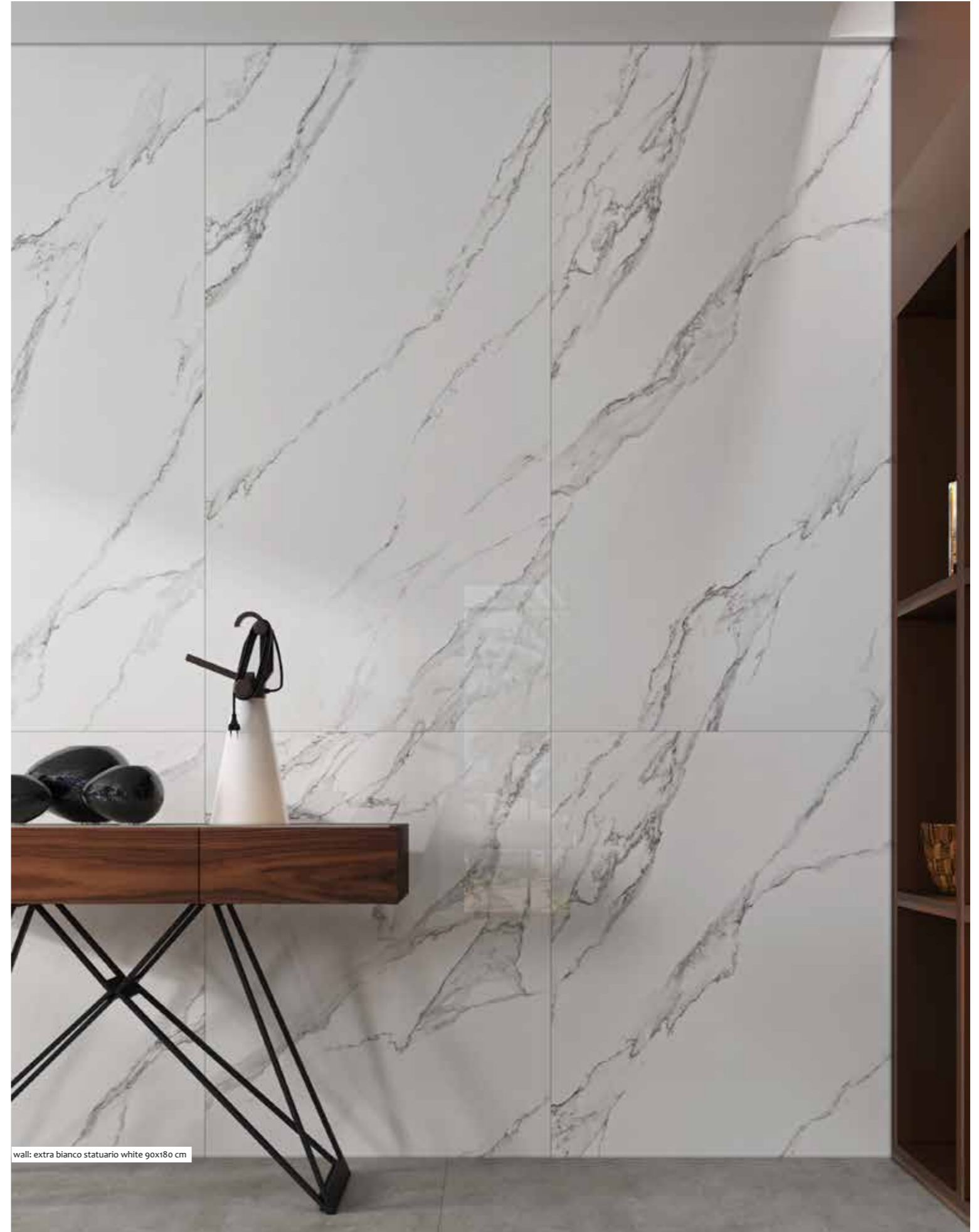
wall: extra bianco statuario white 90x180 cm

Grigio Savoia

PORCELAIN TILES
Polished • Rectified • Smooth

grigio savoia ivory 90x180 cm faces

grigio savoia ivory

grigio savoia light grey 90x180 cm faces

grigio savoia light grey

SIZES
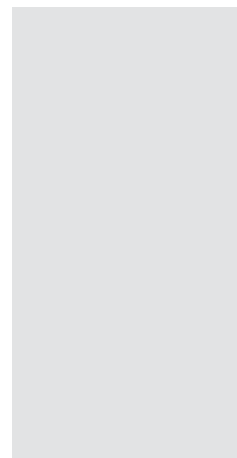
90x180 cm
35.43''x70.86''

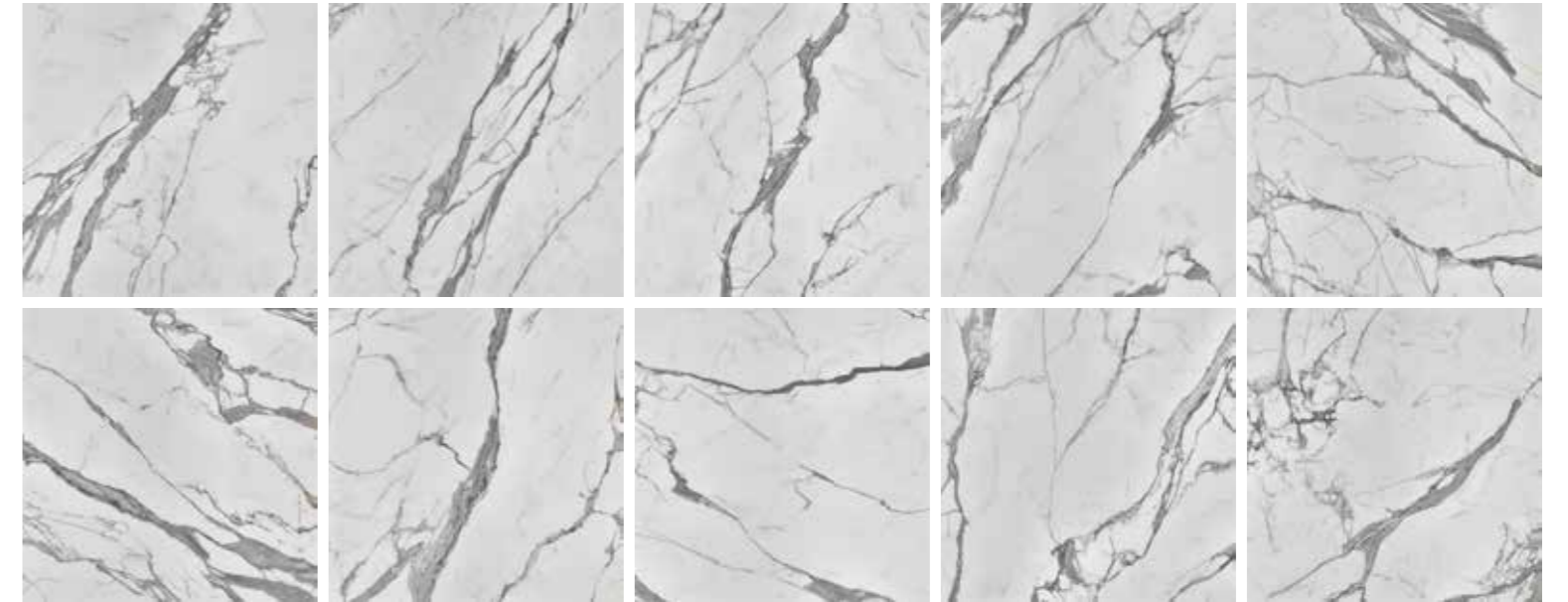| Name	Code	Size(CM)
grigio savoia ivory	A93GGROS-IVO.N0X5P	90x180
grigio savoia light grey	A93GGROS-LIG.N0X5P	90x180

Iceland White

PORCELAIN TILES
Honed / Polished • Rectified • Smooth

iceland white
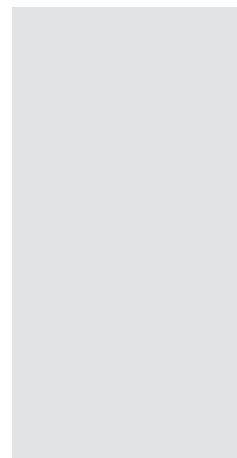

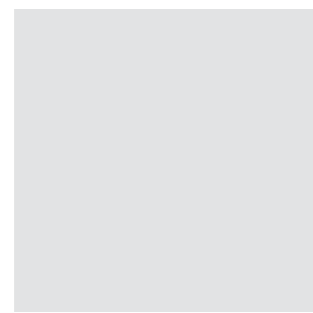iceland white 90x180 cm faces

iceland white 120x120 cm faces

SIZES

90x180 cm
35.43"x70.86"

120x120 cm
47.24"x47.24"

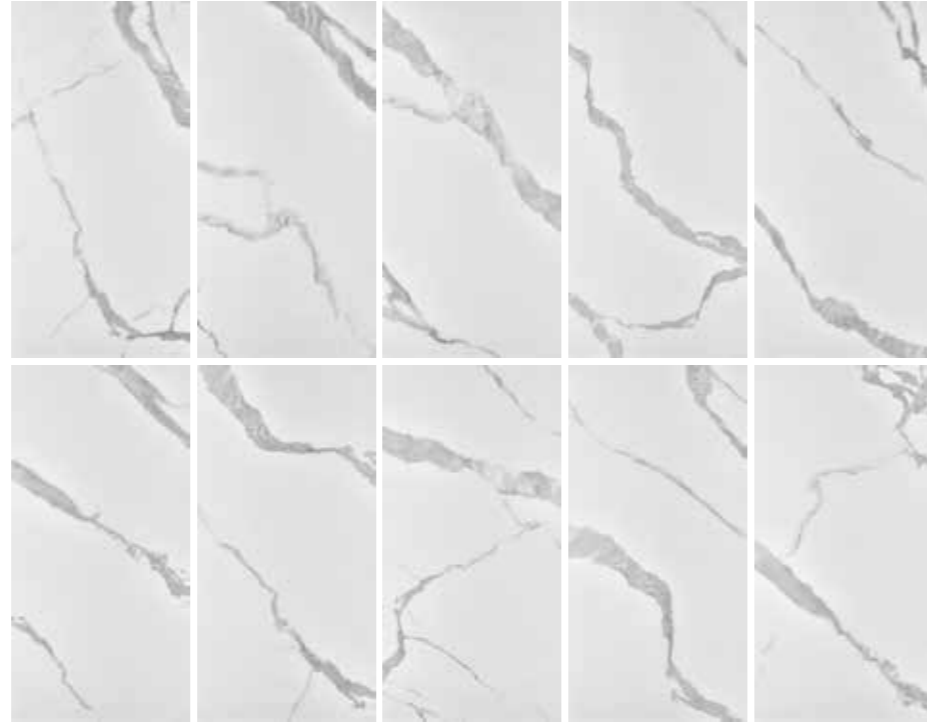| Name	Code (Honed)	Code (Polished)	Size(CM)
iceland white	A93GICMR-WHE.O0X5P	A93GICMR-WHE.N0X5P	90x180
iceland white	A22GICMR-WHE.O0X5P	A22GICMR-WHE.N0X5P	120x120

Impact Statuario

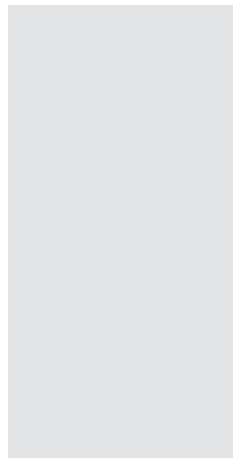PORCELAIN TILES
Honed / Polished • Rectified • Smooth

impact statuario white 90x180 cm faces

impact statuario white

SIZES

90x180 cm
35.43"x70.86"

Name	Code (Honed)	Code (Polished)	Size(CM)
iceland white	A93GIMCS-WHE.O0X5P	A93GIMCS-WHE.N0X5P	90x180

Ivory Onyx

PORCELAIN TILES
Honed / Polished • Rectified • Smooth

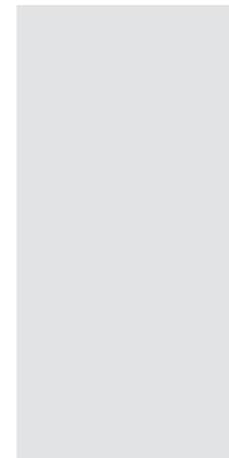ivory onyx 90x180 cm faces

ivory onyx

SIZES

90x180 cm
35.43"x70.86"

Name	Code (Honed)	Code (Polished)	Size(CM)
ivory onyx	A93GIVOX-IVO.O0X5P	A93GIVOX-IVO.N0X5P	90x180

Lasa Marble

PORCELAIN TILES
Polished • Rectified • Smooth

lasa marble white

lasa marble white 90x180 cm faces

SIZES
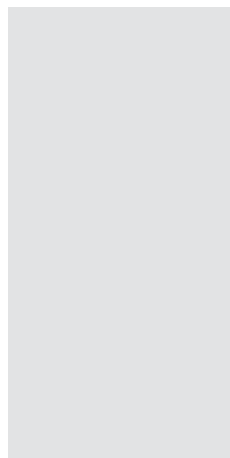
90x180 cm
35.43"x70.86"

Name	Code	Size(CM)
lasa marble white	A93GLSMR-WHE.N0X5P	90x180

wall: lasa marble white 90x180 cm
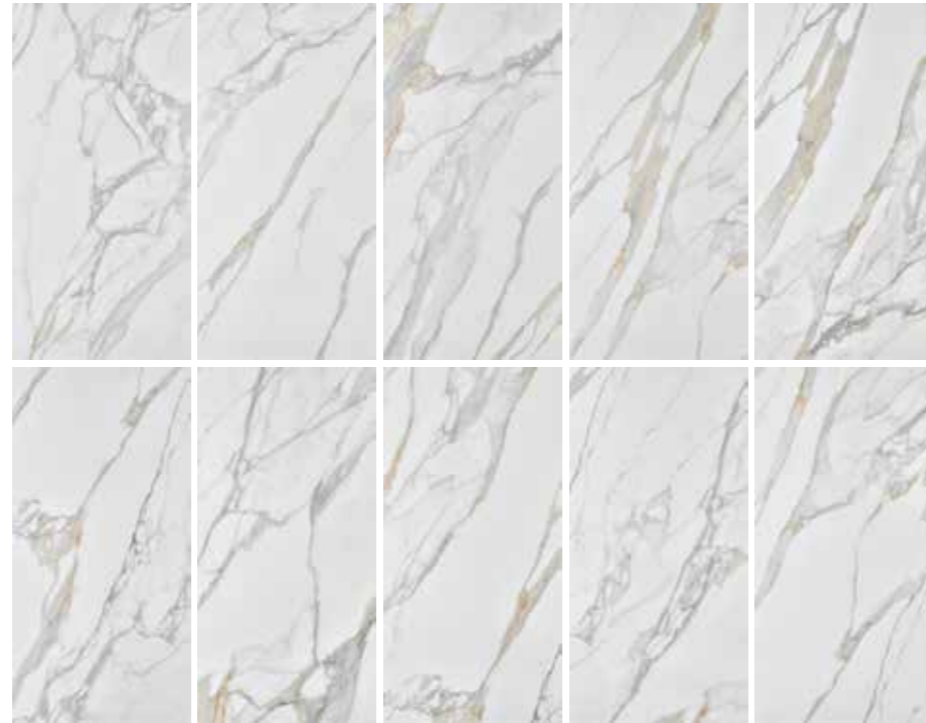floor: baltico grey 120x120 cm

Marble Treviso

PORCELAIN TILES
Honed / Polished • Rectified • Smooth

marble treviso white

marble treviso white 90x180 cm faces
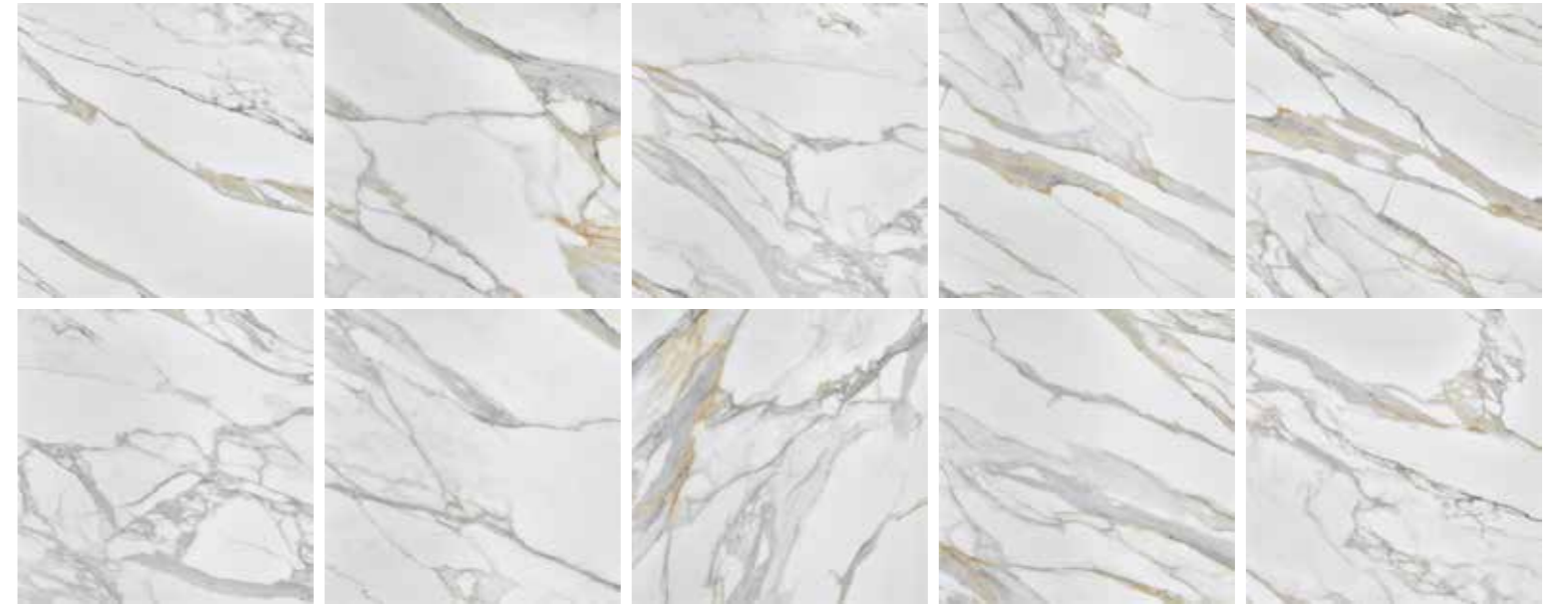
marble treviso white 120x120 cm faces

SIZES
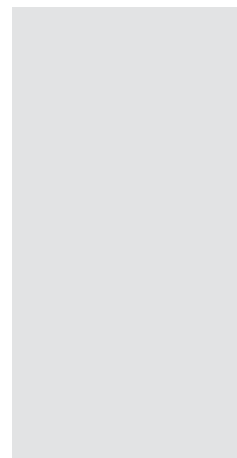
90x180 cm
35.43"x70.86"
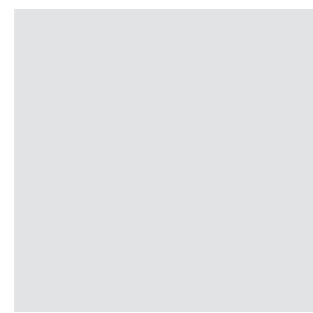
120x120 cm
47.24"x47.24"

Name	Code (Honed)	Code (Polished)	Size(CM)
marble treviso white	A93GMBLT-WHE.O0X5P	A93GMBLT-WHE.N0X5P	90x180
marble treviso white	A22GMBLT-WHE.O0X5P	A22GMBLT-WHE.N0X5P	120x120

Orobico

PORCELAIN TILES
Polished • Rectified • Smooth
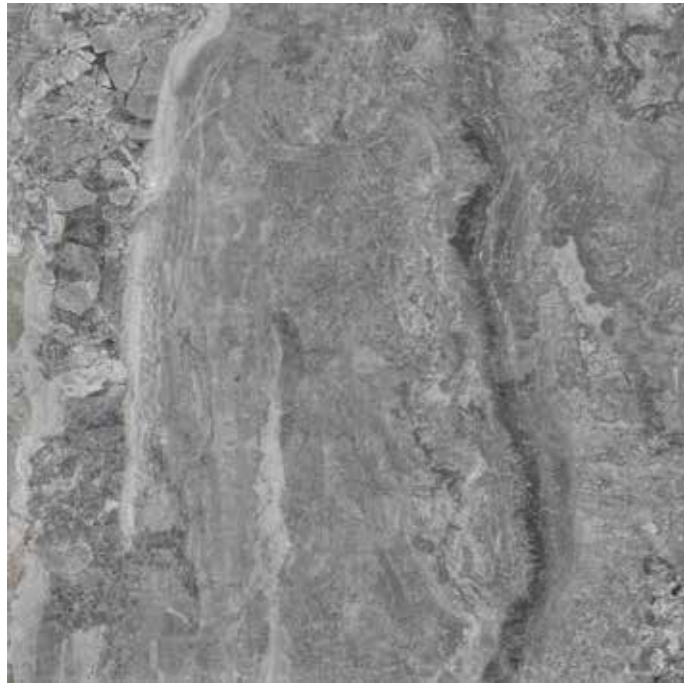
orobico grey
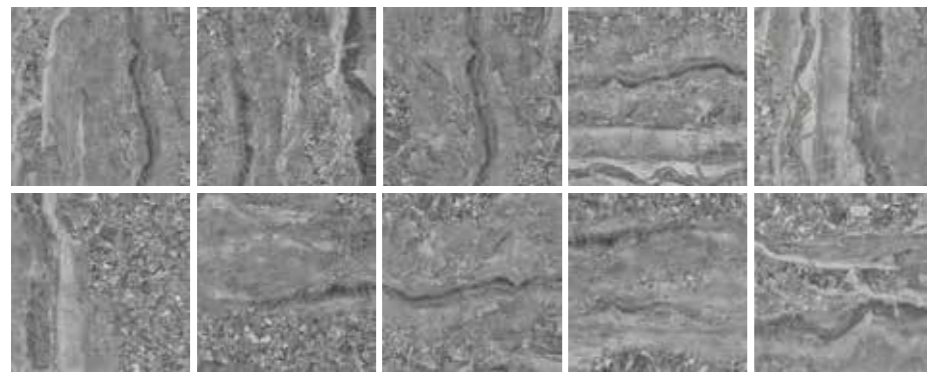
orobico grey 120x120 cm faces

SIZES
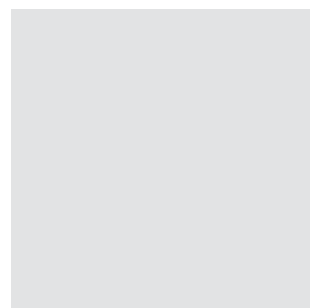
120X120 cm
47.24"x47.24"

Name	Code	Size(CM)
orobico grey	A22GORBG-GRY.N0X5P	120X120
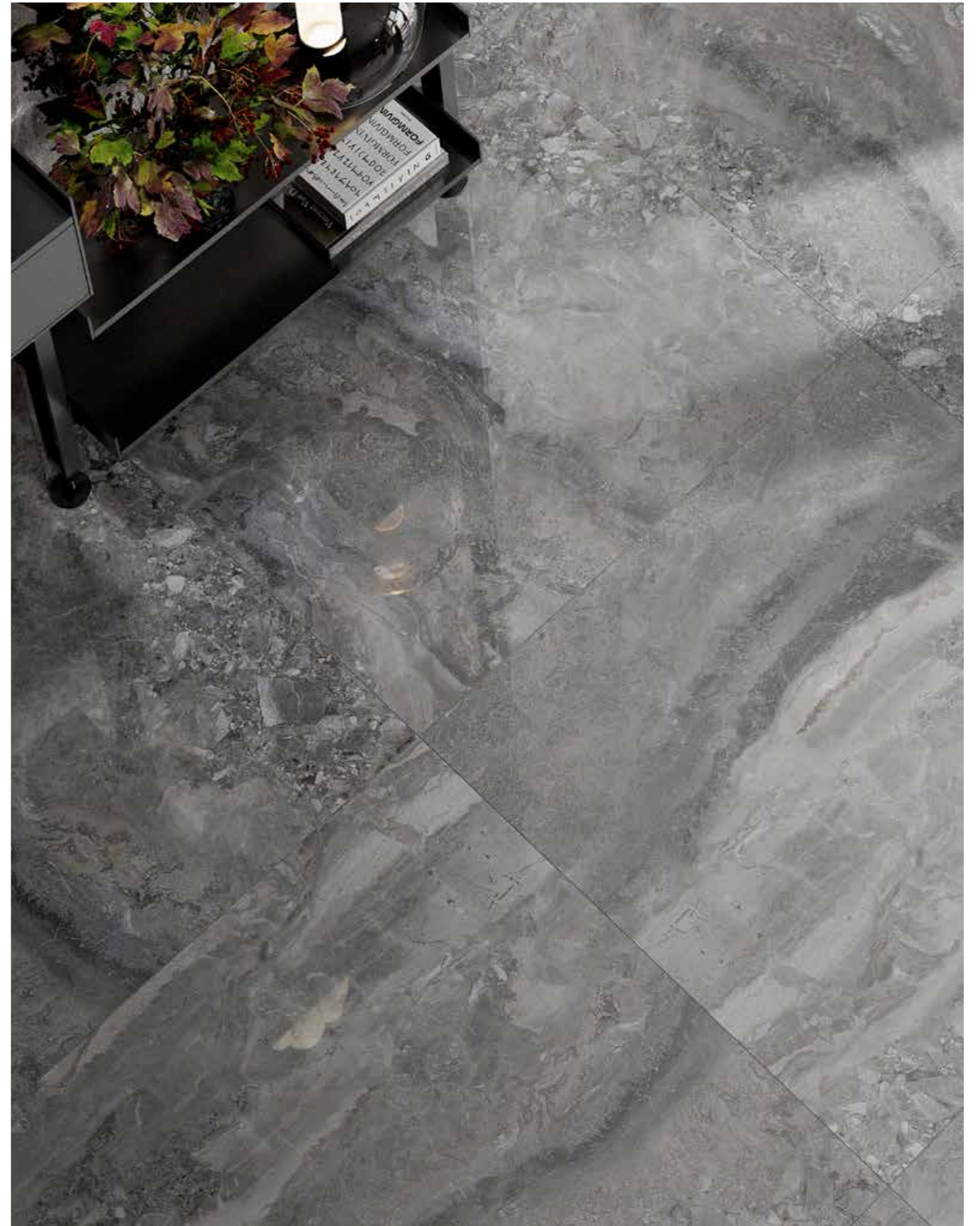
Pietra Grey

PORCELAIN TILES
Polished • Rectified • Smooth

pietra grey

pietra grey 90x180 cm faces

pietra light grey

pietra light grey 90x180 cm faces

SIZES
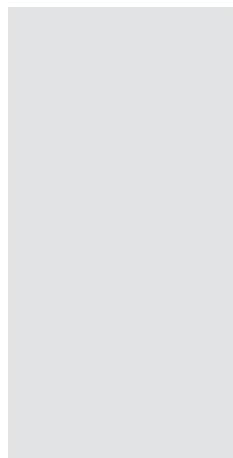
90x180 cm
35.43"x70.86"

Name	Code	Size(CM)
pietra grey	A93GPIEG-GRY.N0X5P	90x180
pietra light grey	A93GPIEG-LIG.N0X5P	90x180

Statuario Vitruvio

PORCELAIN TILES
Honed / Polished • Rectified • Smooth

statuario vitruvio white 90x180 cm faces

statuario vitruvio white

SIZES

90x180 cm
35.43"x70.86"

Name	Code (Honed)	Code (Polished)	Size(CM)
statuario vitruvio white	A93GSTVO-WHE.O0X5P	A93GSTVO-WHE.N0X5P	90x180

40

Statuario Palladio

PORCELAIN TILES
Honed / Polished • Rectified • Smooth
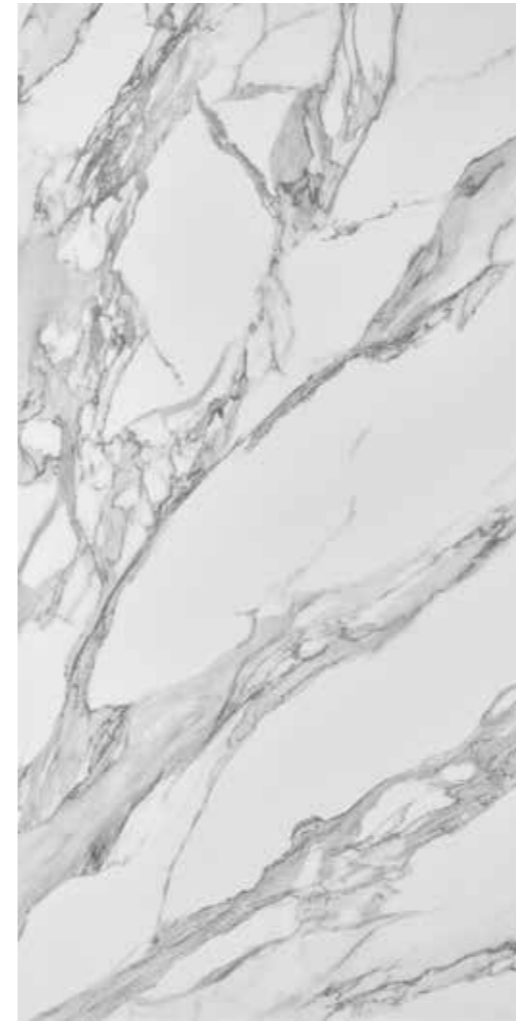
statuario palladio white 90x180 cm faces

statuario palladio white

SIZES
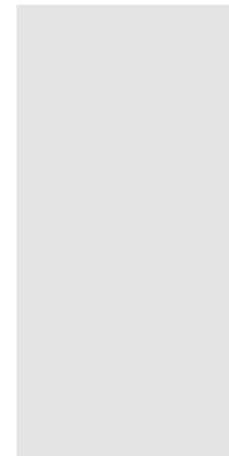
90x180 cm
35.43"x70.86"

Name	Code (Honed)	Code (Polished)	Size(CM)
statuario palladio white	A93GSTDO-WHE.O0X5P	A93GSTDO-WHE.N0X5P	90x180

41

Sea Pearl Macaubas

PORCELAIN TILES
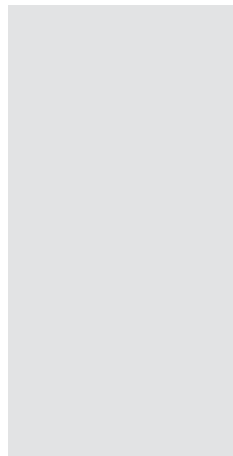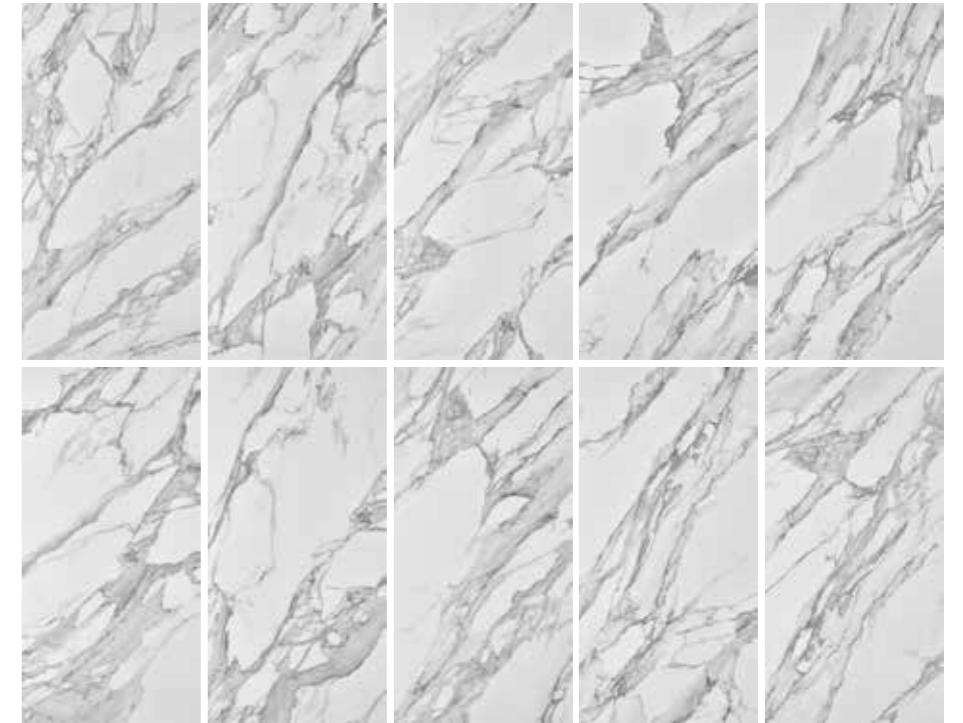Honed • Rectified • Smooth

sea pearl macaubas light brown 90x180 cm faces

sea pearl macaubas light brown

SIZES
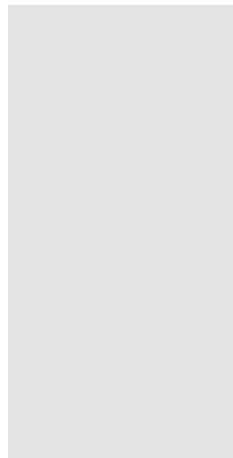
90x180 cm
35.43"x70.86"

Name	Code	Size(CM)
sea pearl macaubas light brown	A93GSPLM-LBR.O0X5P	90x180

Toledo Crema Marfil

PORCELAIN TILES
Polished • Rectified • Smooth

toledo crema marfil 90x180 cm faces

toledo crema marfil

SIZES
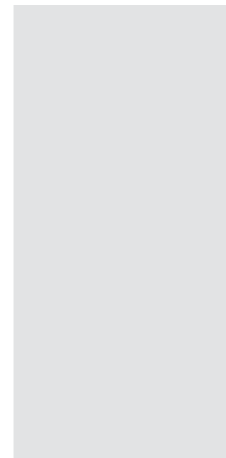
90x180 cm
35.43"x70.86"

Name	Code	Size(CM)
toledo crema marfil	A93GTDCM-CRM.N0X5P	90x180

Creative Concrete P

PORCELAIN TILES
Matt • Rectified • Smooth

SIGNATURE
COLLECTION

RAK CERAMICS
ORBIT 3Rs

creative concrete p white

creative concrete p grey

creative concrete p white decor
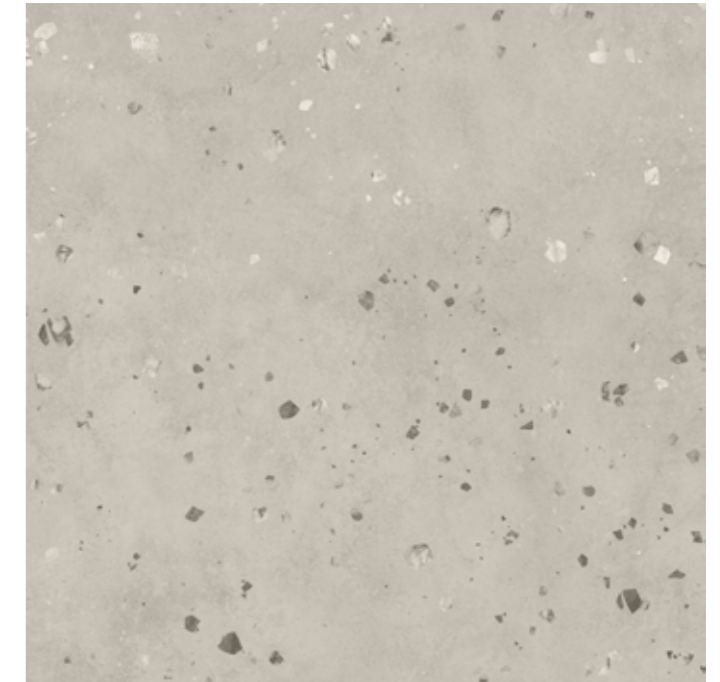
creative concrete p grey decor

creative concrete p dark grey

creative concrete p beige
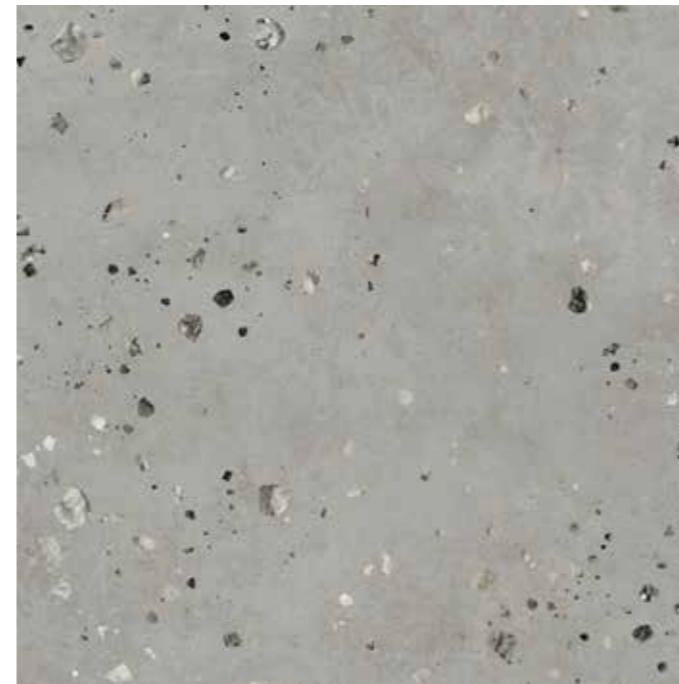
creative concrete p dark grey decor
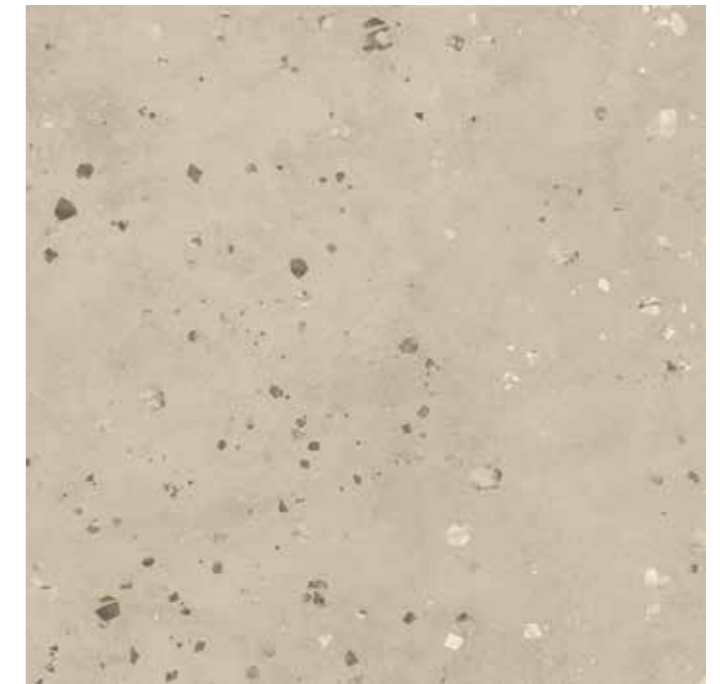
creative concrete p beige decor

Creative Concrete P

PORCELAIN TILES
Matt • Rectified • Smooth
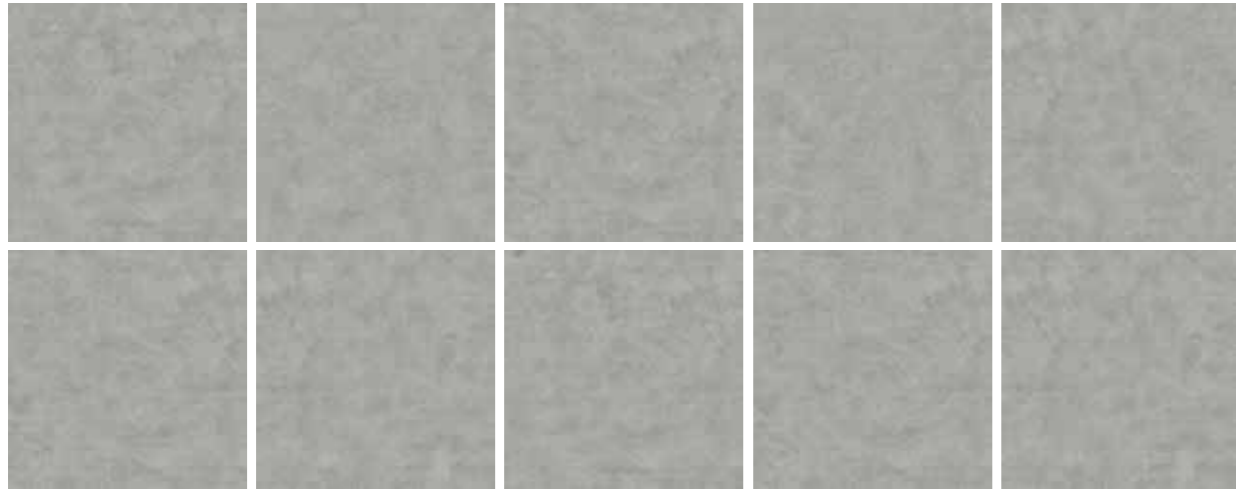
creative concrete p 120x120 cm faces
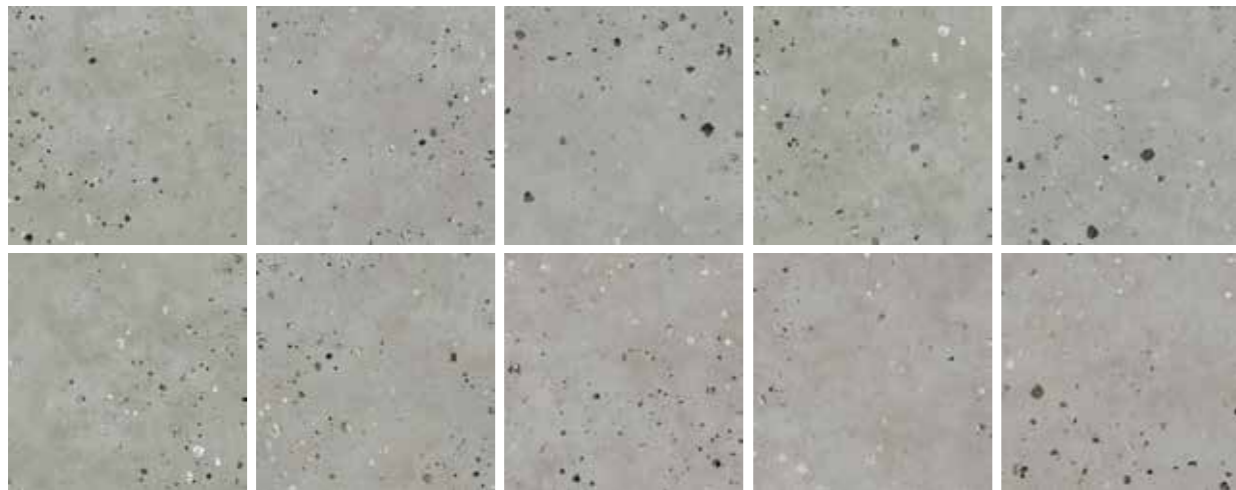
creative concrete p decor 120x120 cm faces

SIZES
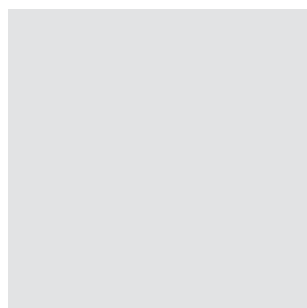
120X120 cm
47.24"x47.24"

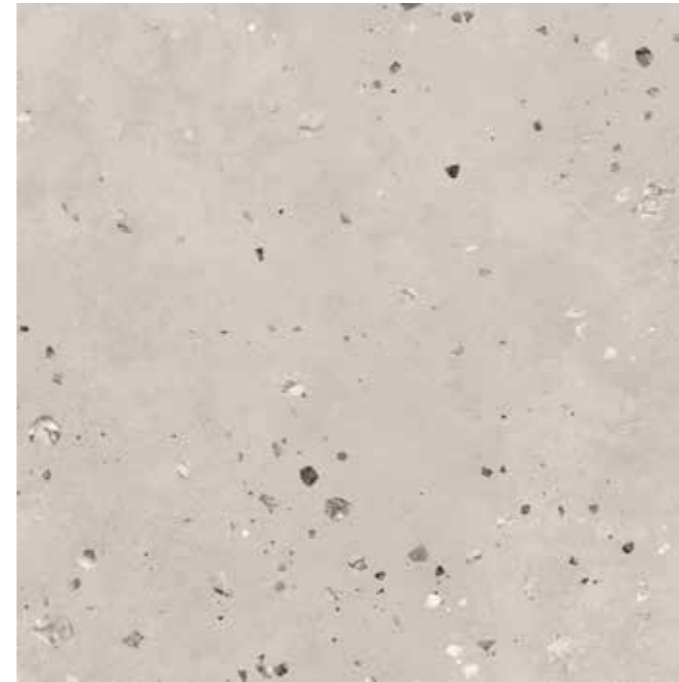| Name	Code	Size(CM)
creative concrete p dark grey	A22GCTVP-DKG.M0X5R	120X120
creative concrete p grey	A22GCTVP-GRY.M0X5R	120X120
creative concrete p white	A22GCTVP-WHE.M0X5R	120X120
creative concrete p beige	A22GCTVP-BEE.M0X5R	120X120
creative concrete p dark grey decor	A22GCTVP-DKG.MDX5R	120X120
creative concrete p grey decor	A22GCTVP-GRY.MDX5R	120X120
creative concrete p white decor	A22GCTVP-WHE.MDX5R	120X120
creative concrete beige decor	A22GCTVP-BEE.MDX5R	120X120
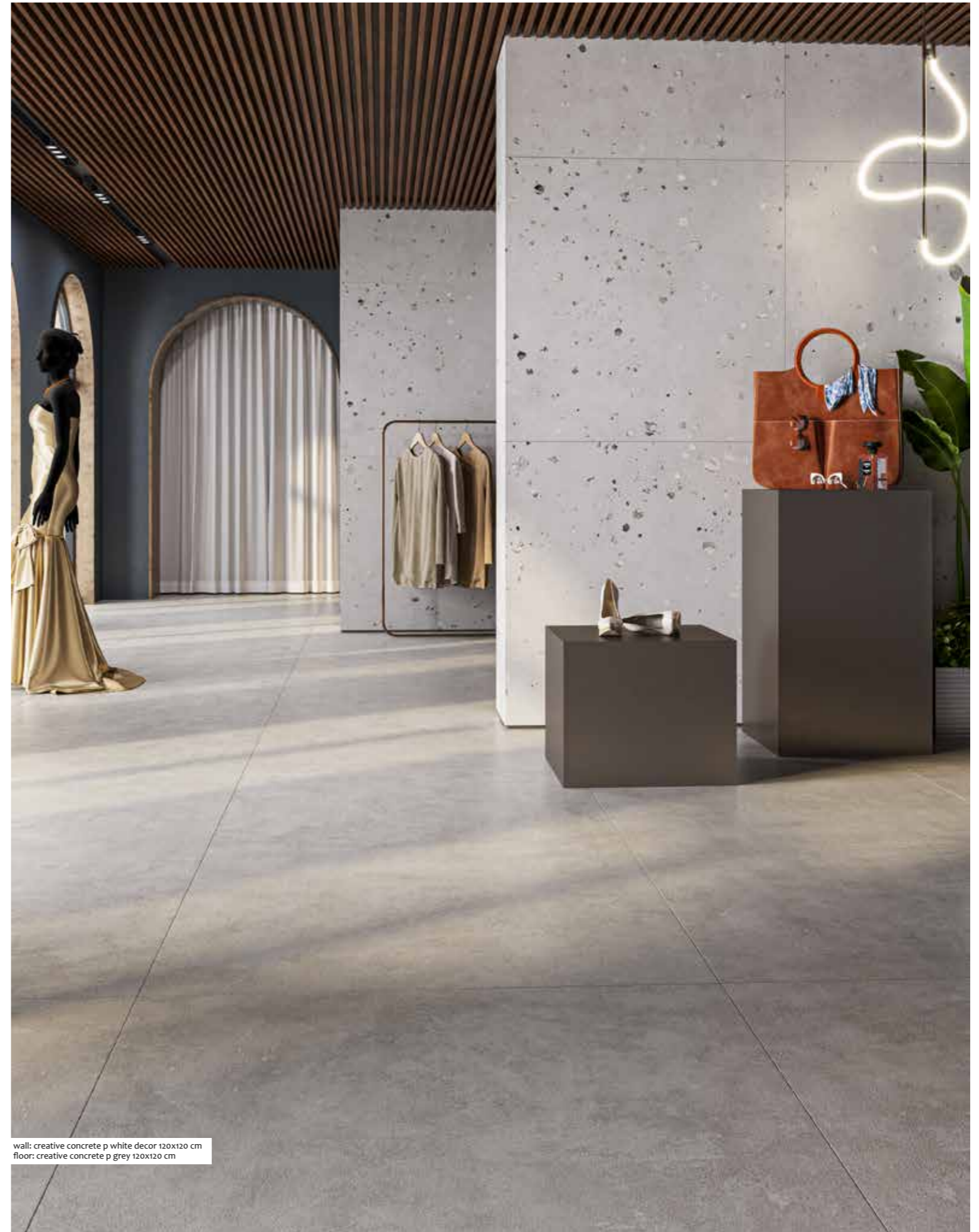
wall: creative concrete p white decor 120x120 cm
floor: creative concrete p grey 120x120 cm

Baltico

RAK CERAMICS
ANTISLIP
BAREFOOT SOFT

PORCELAIN TILES
Matt • Rectified • Smooth

baltico light grey

baltico light grey 90x180 cm faces

SIZES
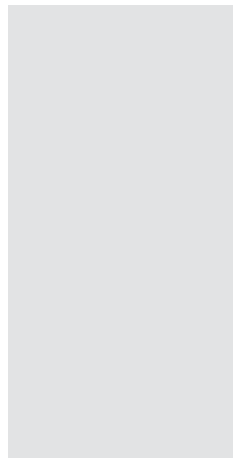
90x180 cm
35.43"x70.86"
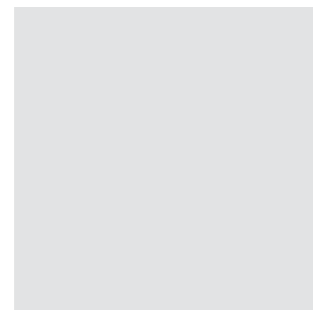
120x120 cm
47.24"x47.24"

Name	Code	Size(CM)
baltico beige	A93GBLIC-BEE.A0X5R	90x180
baltico grey	A93GBLIC-GRY.A0X5R	90x180
baltico light grey	A93GBLIC-LIG.A0X5R	90x180
baltico beige	A22GBLIC-BEE.A0X5R	120x120
baltico grey	A22GBLIC-GRY.A0X5R	120x120
baltico light grey	A22GBLIC-LIG.A0X5R	120x120
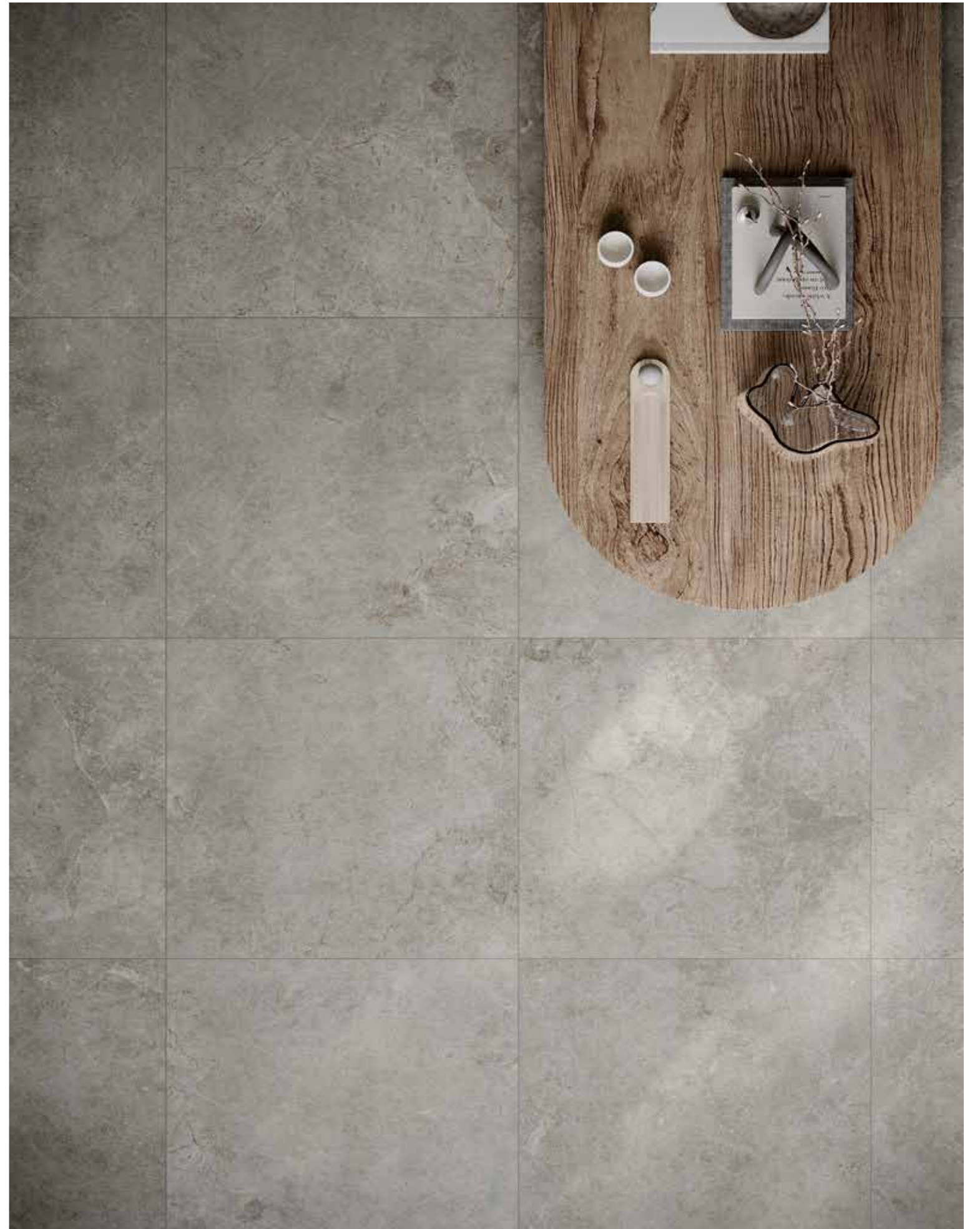
Baltico

PORCELAIN TILES
Matt • Rectified • Smooth

RAK CERAMICS
ANTISLIP
BAREFOOT SOFT

baltico beige

baltico beige 90x180 cm faces

baltico grey
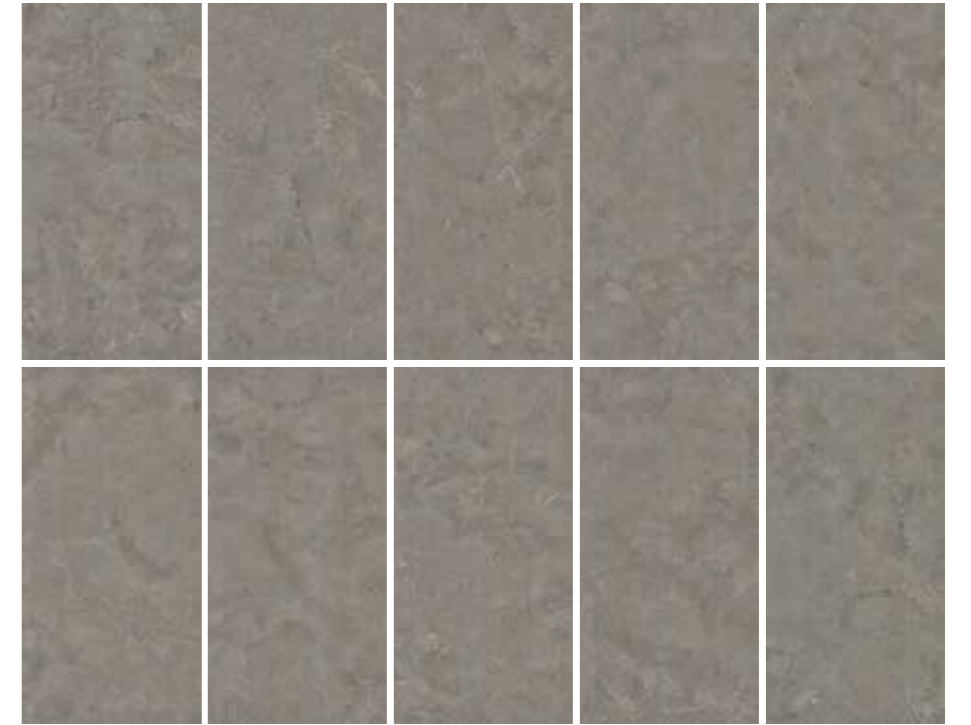
baltico grey 90x180 cm faces

baltico 120x120 cm faces

Pontino

PORCELAIN TILES
Matt • Rectified • Smooth

RAK CERAMICS
SYNC EFFECT

pontino ivory 90x180 cm faces
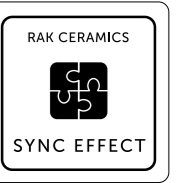
pontino ivory

pontino beige 90x180 cm faces

pontino beige

SIZES
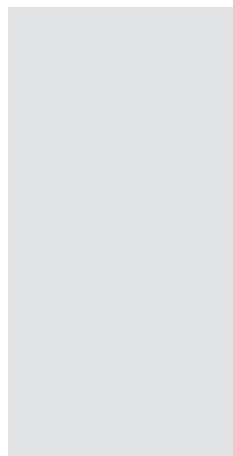
90x180 cm
35.43"x70.86"
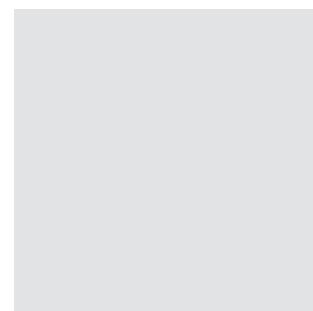
120x120 cm
47.24"x47.24"

Name	Code	Size(CM)
pontino beige	A93GPNTO-BEE.M0X5R	90x180
pontino ivory	A93GPNTO-IVO.M0X5R	90x180
pontino light grey	A93GPNTO-IVO.M0X5R	90x180
pontino beige	A22GPNTO-BEE.M0X5R	120x120
pontino ivory	A22GPNTO-IVO.M0X5R	120x120
pontino light grey	A22GPNTO-IVO.M0X5R	120x120

pontino 120x120 cm faces

Pontino

PORCELAIN TILES
Matt • Rectified • Smooth

pontino light grey

pontino light grey 90x180 cm faces

floor: pontino ivory 120x120 cm

Travertine Cross Cut

PORCELAIN TILES
Matt • Rectified • Smooth

RAK CERAMICS
SYNC EFFECT
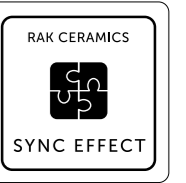
travertine cross cut ivory

travertine cross cut ivory 90x180 cm faces

travertine cross cut beige

travertine cross cut beige 90x180 cm faces

SIZES
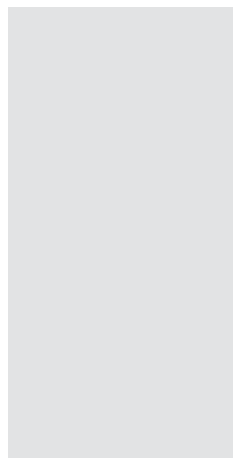
90x180 cm
35.43"x70.86"
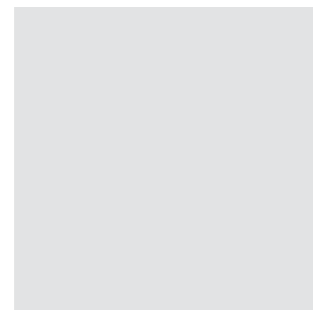
120x120 cm
47.24"x47.24"

Name	Code	Size(CM)
travertine cross cut ivory	A93GTVCR-IVO.M0X5R	90x180
travertine cross cut beige	A93GTVCR-BEE.M0X5R	90x180
travertine cross cut light grey	A93GTVCR-LGY.M0X5R	90x180
travertine cross cut grey	A93GTVCR-GRY.M0X5R	90x180
travertine cross cut ivory	A22GTVCR-IVO.M0X5R	120x120
travertine cross cut beige	A22GTVCR-BEE.M0X5R	120x120
travertine cross cut light grey	A22GTVCR-LGY.M0X5R	120x120
travertine cross cut grey	A22GTVCR-GRY.M0X5R	120x120

baltico 120x120 cm faces

Travertine Cross Cut

PORCELAIN TILES
Matt • Rectified • Smooth

RAK CERAMICS
SYNC EFFECT
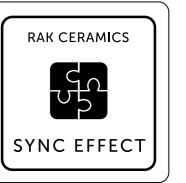
travertine cross cut light grey

travertine cross cut light grey 90x180 cm faces

travertine cross cut grey

travertine cross cut grey 90x180 cm faces

Amazonia Wood

PORCELAIN TILES
Matt • Rectified • Smooth

amazonia wood natural

amazonia wood beige

amazonia wood taupe

amazonia wood grey

SIZES

30x180 cm
11.81"x70.86"

Name	Code	Size(CM)
amazonia wood natural	A92GAMZW#NAT.M0X5R	29.5x180
amazonia wood beige	A92GAMZW#BEE.M0X5R	29.5x180
amazonia wood taupe	A92GAMZW#TPE.M0X5R	29.5x180
amazonia wood grey	A92GAMZW#GRY.M0X5R	29.5x180

TECHNICAL FEATURES

PORCELAIN TILES (BIa - GL):

Porcelain tiles are manufactured using pure, selectively imported raw materials mixed using the most advanced extraction and sorting techniques; they are obtained with a production process similar to that of single-fired tiles.

The resulting product is top-quality porcelain tile, obtained by raw materials wet grinding, followed by partial drying by spraying, silo storage to allow homogenization of properties, and pressing with highly efficient hydraulic presses up to specific pressures more than 500 kg/cm2. The high pressure combined with high firing temperature exceeding 1200 °C results in highly compact & strong ceramic surface with very low water absorption (lower than 0.4% according to UNI EN ISO 10545-3) and extremely high mechanical resistance (average value exceeding 40 N/mm2 according to UNI EN ISO 10545-4).

Thanks to their low porosity, these porcelain tiles are frost-proof and rated as belonging to the BIa GL class according to the International Standard ISO 13006 and European Standard UNI EN 14411 which requires water absorption ≤ 0.5%.

The MoR (modulus of rupture) in accordance with UNI EN ISO 10545-4 results to 40 N/mm2 while the required value is 35 N/mm2. RAK Ceramics porcelain tiles are available in a wide range of designs, sizes and finishes.

**ADVICE ON LAYING**

Although our porcelain tiles can be installed using traditional cement mortars, we advise using modern adhesives. While installing on wall, the two-layer spreading system is recommended to perfectly wet the back of the tile.

Quickly dipping each tile in water before installation will remove any dust on the back of the tile for perfect adhesion. Do not wet the tiles if you are using vinyl, acrylic resin adhesives or two-component organic-solvent based adhesive.

It is advisable to incorporate suitable shrinkage - flexion joints (movement/ expansion joints) when installing on large floors: the joints should never be spaced more than 4 - 5 linear meters apart indoors and 3 linear meters apart outdoors. Be careful while using strong coloured grouts as they might leave stains on the surface of the tiles that may be difficult to remove later.

TECHNICAL CHARACTERISTICS - PORCELAIN TILES (BIa - GL)

	Test Description	Standard Test Method	International Standard ISO 13006	RAK Ceramics Specifications (Rectified)	(Unrectified)
	Length & Width	BS EN ISO 10545-2	+/- 0.6%	+/- 0.1%	+/- 0.3%
	Thickness	BS EN ISO 10545-2	+/-5.0%	+/- 5.0%	+/- 5.0%
	Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.4%
	Straightness of sides	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.3%
	Surface Flatness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%	+/- 0.3%
	Water Absorption	BS EN ISO 10545-3	<=0.5%	<=0.4%	<=0.4%
	Modulus of Rupture	BS EN ISO 10545-4	>=35 N/mm2	>=40 N/mm2	>=40 N/mm2
	Breaking Strength	BS EN ISO 10545-4	>=1300N	>=1600N	>=1600N
	Resistance to surface abrasion	BS EN ISO 10545-7	Manufacturer to state Abrasion Class	PEI Class 2 -5	PEI Class 2 -5
	Linear Thermal Expansion	BS EN ISO 10545-8	$<=9 \times 10^{-6}$ °C⁻¹	$<=7 \times 10^{-6}$ °C⁻¹	$<=7 \times 10^{-6}$ °C⁻¹
	Resistance to Thermal Shock	BS EN ISO 10545-9	No visible defect	No visible defect	No visible defect
	Crazing Resistance	BS EN ISO 10545-11	No crazing	No crazing	No crazing
	Frost Resistance	BS EN ISO 10545-12	No visible damage	No visible damage	No visible damage
	Resistance to chemicals	BS EN ISO 10545-13	No visible defect	No visible defect	No visible defect
	Resistance to stains	BS EN ISO 10545-14	Manufacturer to state class	Stain removed Min.class 4	Stain removed Min.class 4
	Colour Resistance to UV Light	DIN 51094	No change in color	No change in color	No change in color

Note : Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended

MAINTENANCE AND CLEANING OF TILES

Maintenance of ceramic and porcelain tiles on dry surfaces is relatively easy. RAK Ceramics tiles are highly scratch and stain resistant.

- By regularly sweeping the floor, you can help avoid scratches that small pebbles or sand can create.
- Make it a habit to always wipe the soles of your shoes on a mat before entering the house. Thoroughly wipe up any spills using plain warm water.
- While they are not likely to stain your ceramic tiles, spills may stain the grout between the tiles and if they are left to sit for too long, may also stain the actual tiles.
- Plain water is the ideal cleaner because it leaves no residue if you dry the surface of the tiles thoroughly after cleaning.
- If tiles are left wet after cleaning, there may be some unsightly mineral residue after the water dries, but this can easily be removed by spot cleaning.
- If stains resist cleaning with water alone, you can use a mild acidic solution, such as white vinegar. Use it highly diluted and rinse with plain water then dry.
- As food stains are acidic in nature, try using a mild alkaline solution.
- Use common detergents sparingly, rinse with plain water and dry thoroughly.

TILE-LAYING RECOMMENDATIONS

All RAK Ceramics products are subject to size and shade variations. Please check the size, batch number, caliber, tone, choice, color, quality of the pieces before the installation, as no claims will be accepted once the tiles are installed.

Place some tiles on the floor - 2 or 3 sqm - and check the overall technical and aesthetic characteristics with care and check if there is enough product to finish the work.

Manufacturer's responsibility is only limited to replacement of defective material if any, prior to fixing of tiles and we will not entertain claim of any nature after the tiles are installed.

Therefore, if any issue is found on the delivered product, the contractor for installation or the client should not install the tiles. The issue should be communicated to RAK Ceramics for investigation and further action for resolution as required.

The substrate must be a compact cement bed. Levelling system ensures flatness between tiles avoiding movements during the mortar setting. This reduces the time for the ceramic laying obtaining a perfect lippage-free finish. Avoid movements between the tiles due to the mortar setting.

The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards. The grout colour should be selected according to the colour of the tile. We recommend to select a matching colour. Before using fine-grain coloured grout on lapped, polished or brushed products, always test it. If the pigment is very adhesive, it may be very difficult to remove.

We recommend to lay the tiles by using suitable adhesives for each kind of product and surface. As general rule, tiles must be installed in the same position. The minimum joint is 2 mm for rectified tiles, although we suggest a higher joint for big size products. After grouting, remove any excess product as quickly as possible by repeatedly washing the area with a sponge and water.

Steps to follow 1. First, set the tool to the scale according to the ceramic thickness. 2. Introduce the crossheads and continue laying the adjacent tiles. 3. Put the wedges in the crosshead manually. 4. Tighten the wedges with the pliers to level the pieces. 5. Allow for setting for the time recommended by the manufacturer of the adhesive cement. 6. Remove the crossheads. Hit the crosshead with a rubber mallet or with your foot in the direction of the joint. Do not hit the wedges.

The company will not accept any claim if this is due to the problems caused by not following these suggestions and instructions.

Product Guide

ICONS

COLOUR VARIATIONS
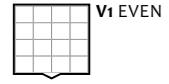
V1 EVEN

The least amount of shade
variation attainable.

V2 LIGHT

Light to moderate shade
variation within each carton.

INDICATIONS FOR USE

WALL TILES

FLOOR TILES

SUGGESTED APPLICATIONS

DOMESTIC
PURPOSE

Residential areas, hotel rooms,
bathrooms

LIGHT
COMMERCIAL
TRAFFIC AREA

Indoor public areas subject to medium
pedestrian traffic such as restaurants,
bars, offices, shops, hotel public areas,
convention rooms.

In printing, colour of the products may differ slightly from actual, pictures are only for reference.

Contact

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