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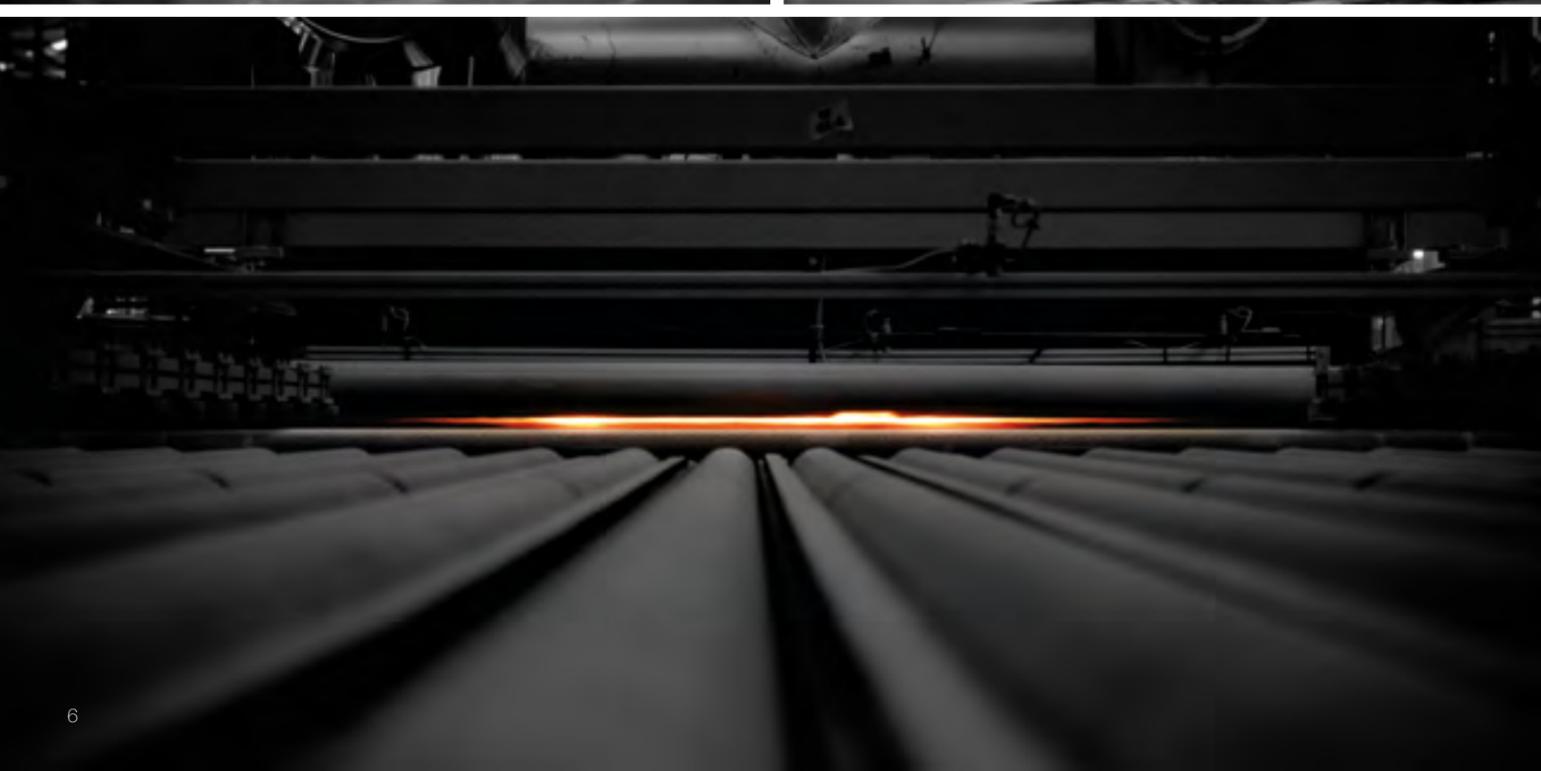
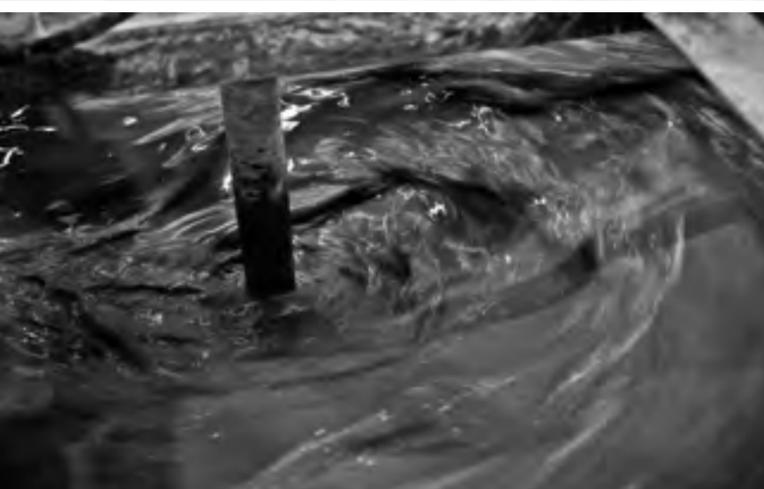


<http://eurotilestone.com/>



WHAT ARE ITOP SLABS?

ITOP slabs are cutting-edge high-performance materials, based on the application of leading technologies in tile manufacturing, creativity and design.



THE PROPERTIES OF ITOP SLABS

ITOP is made by selecting and fusing the purest of minerals, compacted at a force of 4.000 kg / m² and sintered at temperatures of over 1.200°C.

ITOP's high resistance and lack of pores make it ideal for everyday places where hygiene is fundamental.

Thanks to its properties, ITOP meets the needs of today's living spaces, guaranteeing versatile, eco-friendly, innovative surfaces that help to make life easier and more convenient.

ITOP is unaffected by the passage of time. Its high-tech properties make it a very hard material, suitable for use both indoors and out.

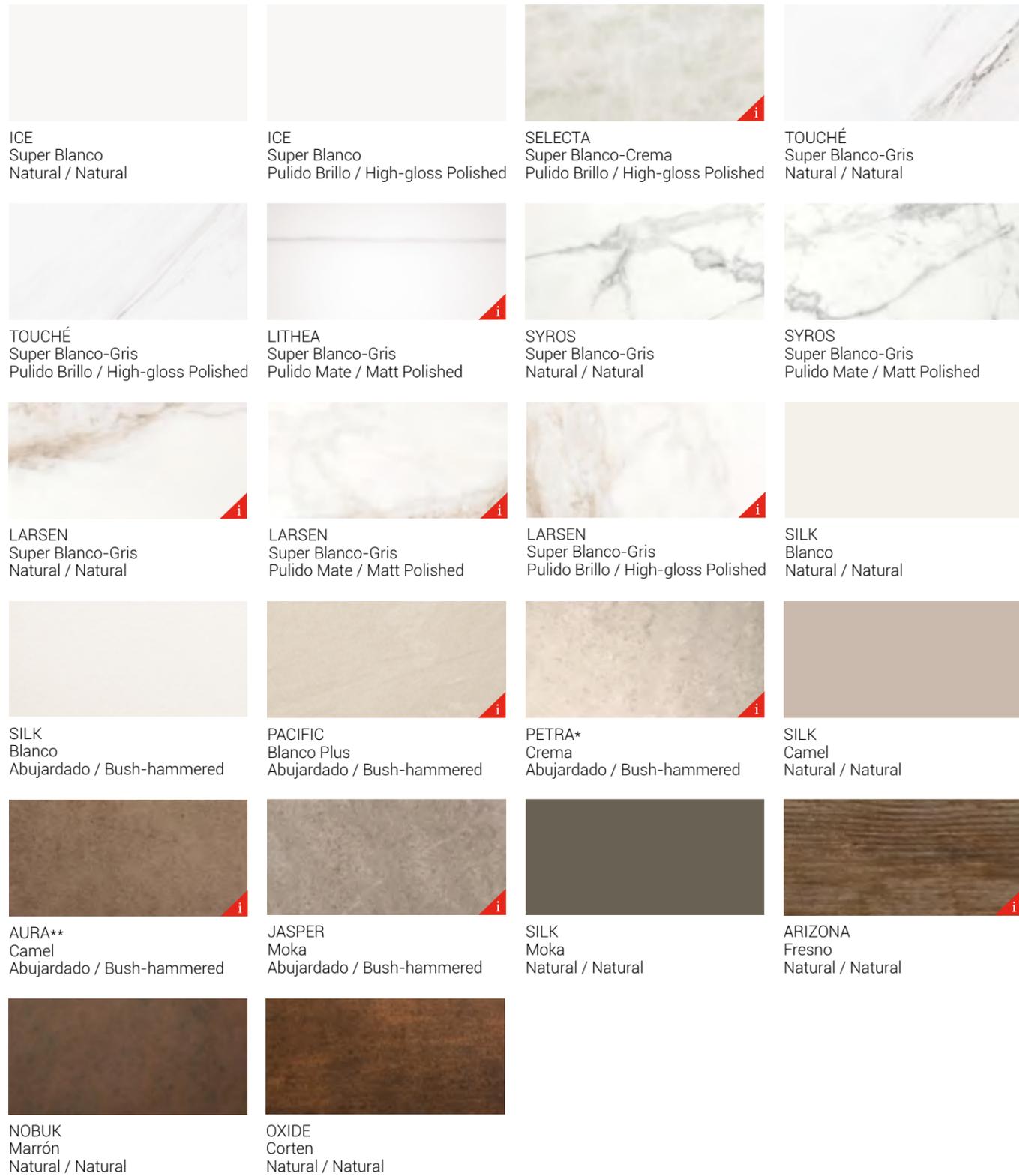
Its colour and texture remain unchanged even when ITOP is used outdoors, since it can withstand the effects of ultraviolet rays without its surface appearance being altered in any way.



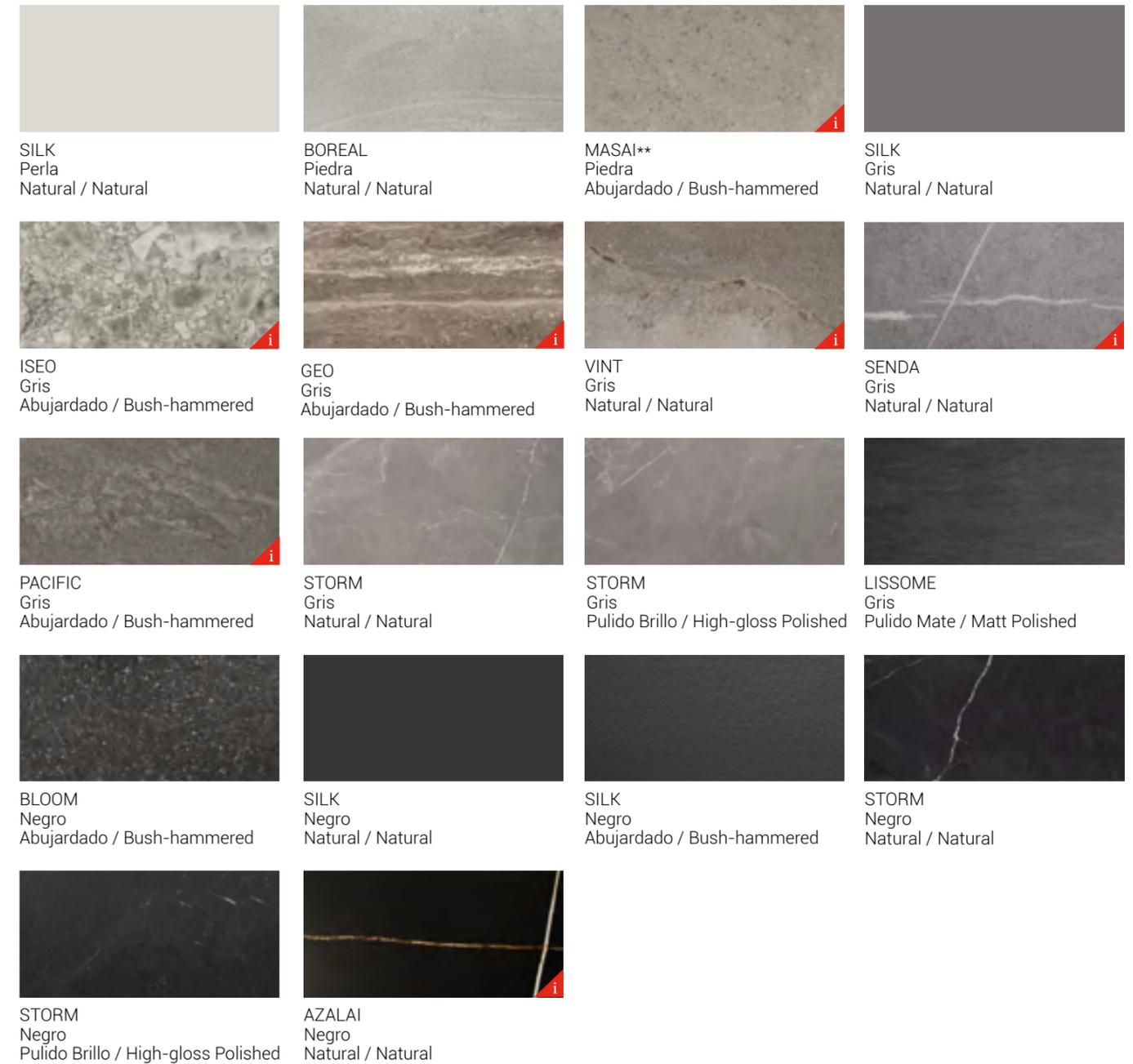


COLOUR PALETTE

SEARCHING BY COLOUR PALETTE



SEARCHING BY COLOUR PALETTE



 Exclusive finishing for Industry.



Arizona Fresno Natural / Natural
Silk Negro Abujardado / Bush-hammered



Arizona Fresno Natural / Natural



Arizona Fresno Natural / Natural



Aura Camel Abujardado / Bush-hammered



Aura Camel Abujardado / Bush-hammered



Azalai Negro Natural / Natural



Azalai Negro Natural / Natural



Azalai Negro Natural / Natural



Boreal Piedra Natural / Natural



Boreal Piedra Natural / Natural



Geo Gris Abujardado / Bush-hammered



Geo Gris Abujardado / Bush-hammered



Geo Gris Abujardado / Bush-hammered





Iseo Gris Abujardado / Bush-hammered



Iseo Gris Abujardado / Bush-hammered



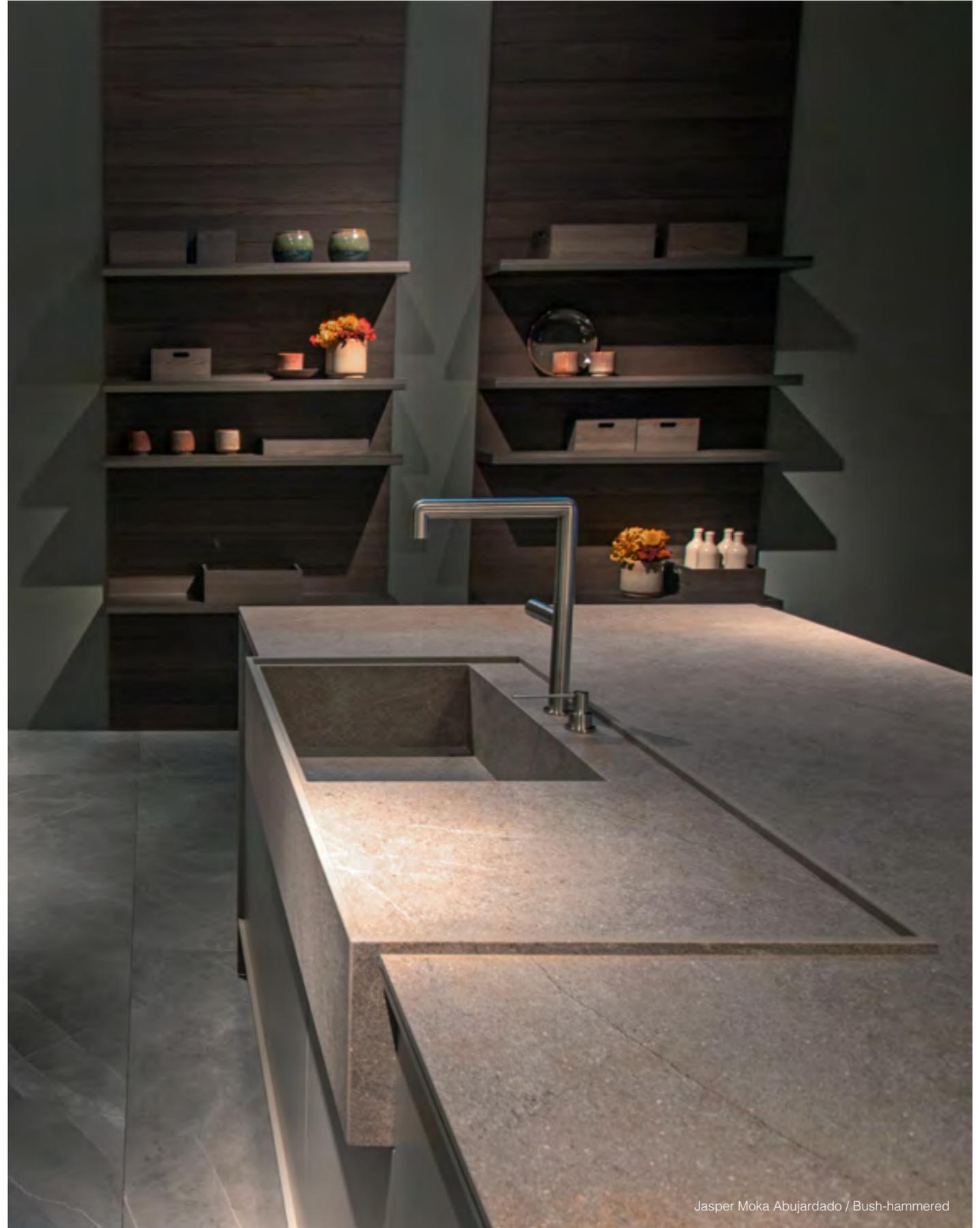
Iseo Gris Abujardado / Bush-hammered



Jasper Moka Abujardado / Bush-hammered



Jasper Moka Abujardado / Bush-hammered



Jasper Moka Abujardado / Bush-hammered



Larsen Super Blanco-Gris Pulido Brillo / High-gloss Polished



Larsen Super Blanco-Gris Pulido Mate / Matt Polished



Larsen Super Blanco-Gris Pulido Mate / Matt Polished



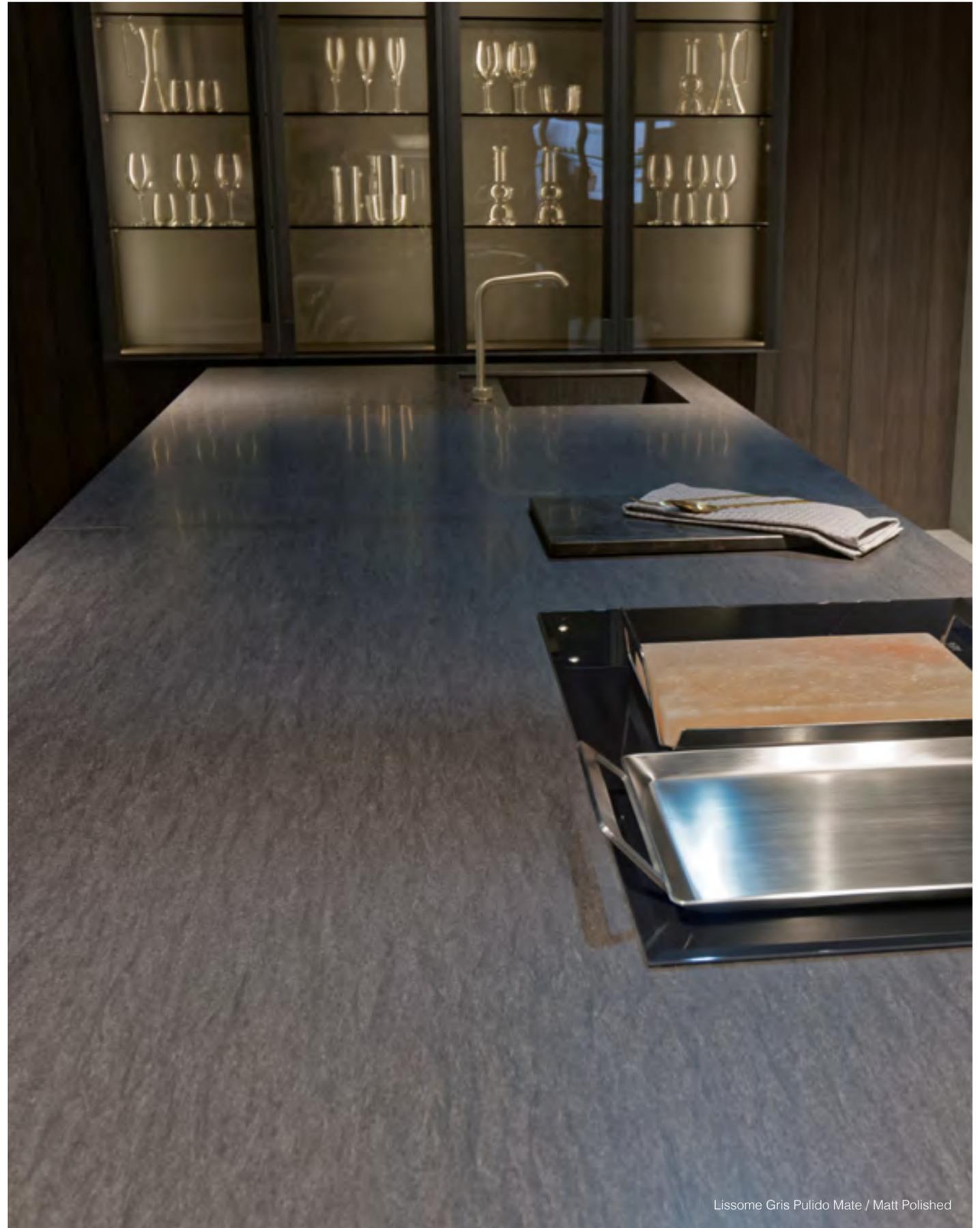
Larsen Super Blanco-Gris Natural / Natural



Lissome Gris Pulido Mate / Matt Polished



Lissome Gris Pulido Mate / Matt Polished



Lissome Gris Pulido Mate / Matt Polished



Lithea Super Blanco-Gris Pulido Mate / Matt Polished



Masai Piedra Abujardado / Bush-hammered



Masai Piedra Abujardado / Bush-hammered



Nobuk Marrón Natural / Natural



Oxide Corten Natural / Natural



Oxide Corten Natural / Natural



Oxide Corten Natural / Natural



Pacific Gris Abujardado / Bush-hammered



Pacific Gris Abujardado / Bush-hammered



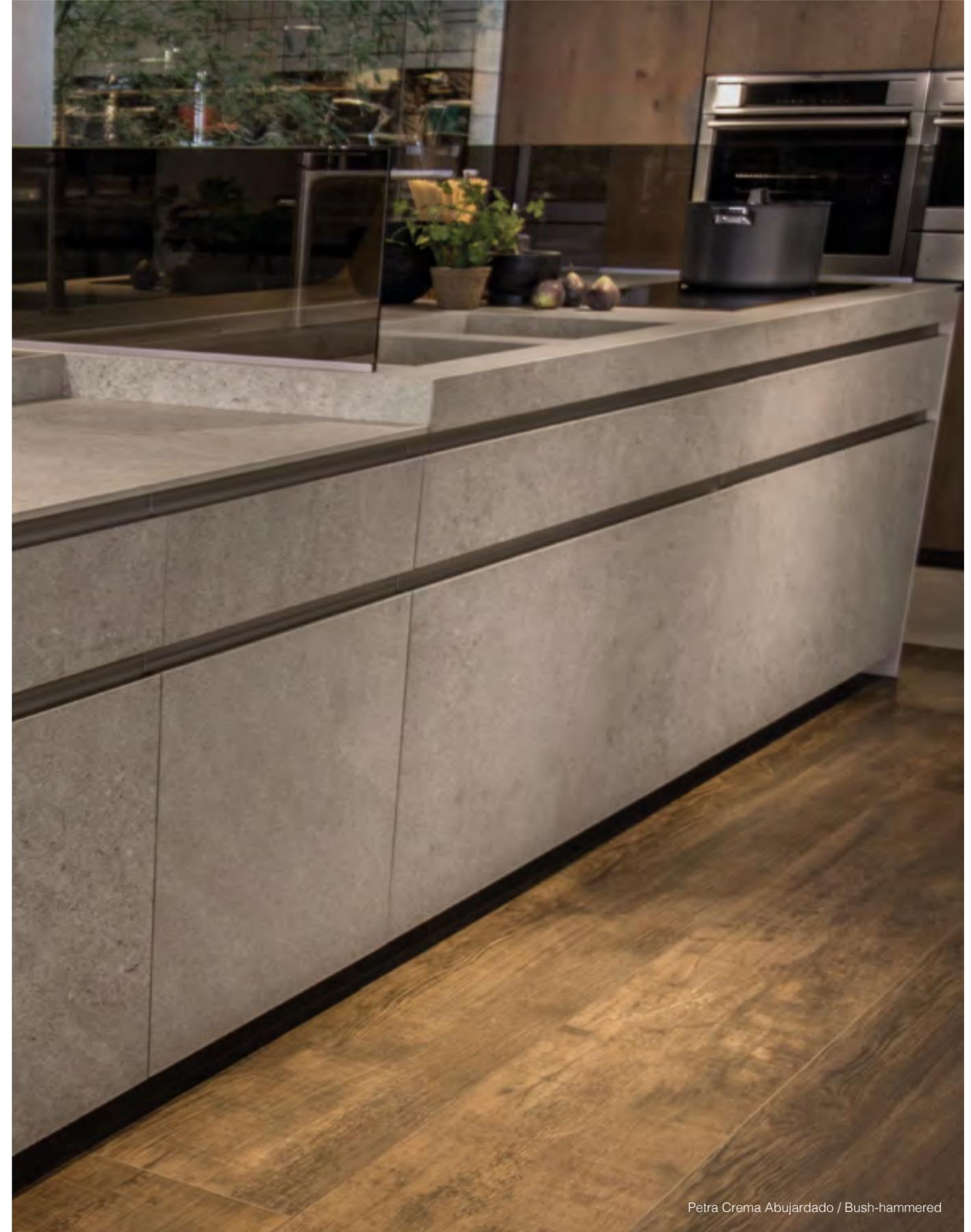
Pacific Blanco Plus Abujardado / Bush-hammered



Petra Crema Abujardado / Bush-hammered



Petra Crema Abujardado / Bush-hammered



Petra Crema Abujardado / Bush-hammered



Selecta Super Blanco-Crema Pulido Brillo / High-gloss Polished



Selecta Super Blanco-Crema Pulido Brillo / High-gloss Polished



Selecta Super Blanco-Crema Pulido Brillo / High-gloss Polished



Senda Gris Natural / Natural



Senda Gris Natural / Natural



Senda Gris Natural / Natural



Silk Blanco Natural / Natural



Silk Gris Natural / Natural



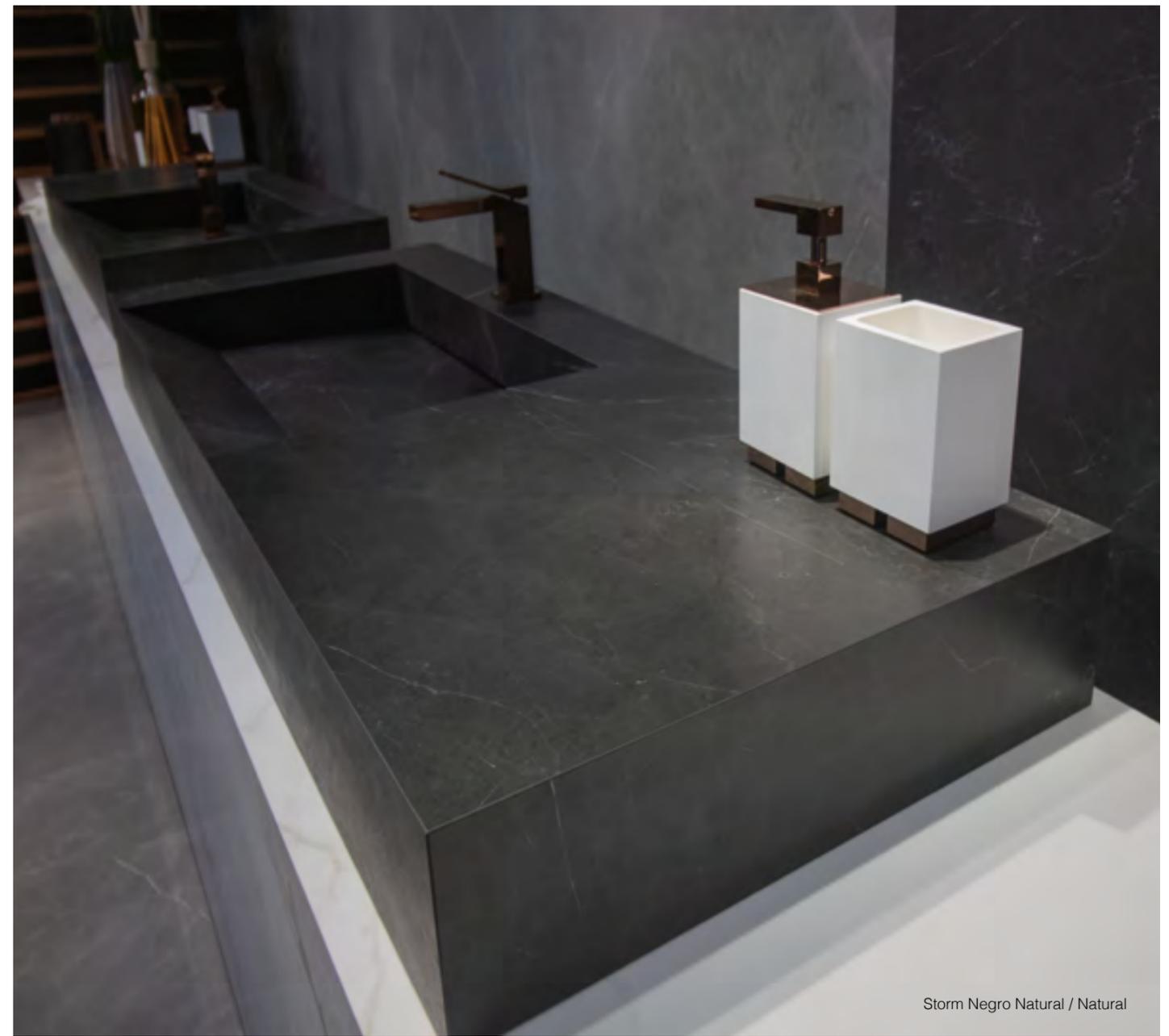
Silk Gris Natural / Natural



Storm Negro Natural / Natural



Storm Gris Natural / Natural



Storm Negro Natural / Natural



Syros Super Blanco-Gris Pulido Mate / Matt Polished



Syros Super Blanco-Gris Pulido Mate / Matt Polished



Syros Super Blanco-Gris Pulido Mate / Matt Polished



Touché Super Blanco-Gris Pulido Brillo / High-gloss Polished



Touché Super Blanco-Gris Natural / Natural



Vint Gris Natural / Natural



Vint Gris Natural / Natural



STYLE-I
ADDED VALUE

ITOP Ker

AVAILABLE PRODUCT

Syros Super Blanco-Gris Pulido Mate / Matt Polished



Arizona

Thickness
12 mm
6 mm
4 mm

Finishing **Natural**

ARIZONA

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Natural	Natural	Natural
150 x 320 cm 59" x 126"	Fresno	✓	✓	✓
				



Fresno
Natural



Aura

Thickness

12 mm

6 mm

4 mm

Finishing

Abujardado / Bush-hammered

AURA (*)

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm Piece + Mesh)
		AFINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Abujardado Bush-hammered	Abujardado Bush-hammered	Abujardado Bush-hammered
150 x 320 cm 59" x 126"	Camel	✓	✓	✓
				



Camel
Abujardado / Bush-hammered



Azalai

Thickness

- 12 mm
- 6 mm
- 4 mm

Finishing
Natural

AZALAI

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Natural	Natural	Natural
150 x 320 cm 59" x 126"	Negro	✓	✓	✓
				



Negro
 Natural



Bloom

Thickness

12 mm

6 mm

4 mm

Finishing

Abujardado / Bush-hammered

BLOOM

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Abujardado Bush-hammered	Abujardado Bush-hammered	Abujardado Bush-hammered
150 x 320 cm 59" x 126"	Negro	✓	✓	✓
				



Negro
Abujardado / Bush-hammered



Boreal

Thickness

- 12 mm
- 6 mm
- 4 mm

Finishing
Natural

BOREAL

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Natural	Natural	Natural
150 x 320 cm 59" x 126"	Piedra	✓	✓	✓
				



Piedra
Natural



Geo

Thickness

12 mm

6 mm

4 mm

Finishing

Abujardado / Bush-hammered

GEO

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Abujardado Bush-hammered	Abujardado Bush-hammered	Abujardado Bush-hammered
150 x 320 cm 59" x 126"	Gris	✓	✓	✓
				



Gris
Abujardado / Bush-hammered

Ice

Thickness

12 mm

6 mm

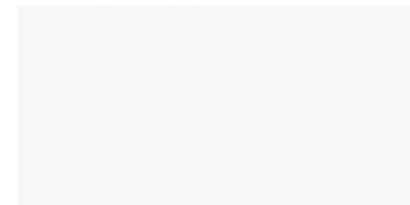
4 mm

Finishing

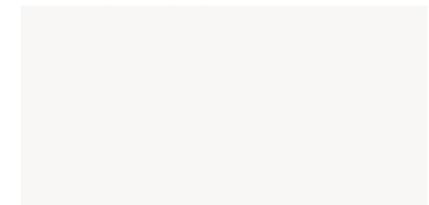
Natural

Pulido Brillo / High-gloss Polished

ICE							
		ITOP COUNTERTOPS				ITOP FRONTS	
		12 mm		6 mm		4 mm (Piece + Mesh)	
		FINISHING		FINISHING		FINISHING	
FORMAT	COLOUR	Natural	Pulido Brillo High-gloss Polished	Natural	Pulido Brillo High-gloss Polished	Natural	Pulido Brillo High-gloss Polished
150 x 320 cm 59" x 126" 	Super Blanco	✓		✓		✓	----



Super Blanco
Natural



Super Blanco
Pulido Brillo / High-gloss Polished

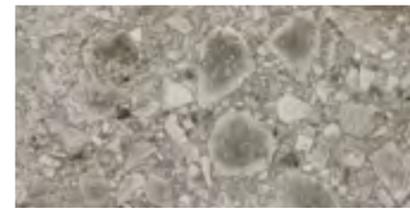


Iseo

Thickness
12 mm
6 mm
4 mm

Finishing
Abujardado / Bush-hammered

ISEO				
		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Abujardado Bush-hammered	Abujardado Bush-hammered	Abujardado Bush-hammered
150 x 320 cm 59" x 126"	Gris	✓	✓	✓
				



Gris
 Abujardado / Bush-hammered



Jasper

Thickness

12 mm

6 mm

4 mm

Finishing

Abujardado / Bush-hammered

JASPER

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Abujardado Bush-hammered	Abujardado Bush-hammered	Abujardado Bush-hammered
150 x 320 cm 59" x 126"	Moka	✓	✓	✓
				



Moka
Abujardado / Bush-hammered



Larsen

Thickness

12 mm

6 mm

4 mm

Finishing

Natural

Pulido Mate / Matt Polished

Pulido Brillo / High-gloss Polished

LARSEN

FORMAT	COLOUR	ITOP COUNTERTOPS						ITOP FRONTS		
		12 mm			6 mm			4 mm (Piece + Mesh)		
		FINISHING			FINISHING			FINISHING		
		Natural	Pulido Mate Matt Polished	Pulido Brillo High-gloss Polished	Natural	Pulido Mate Matt Polished	Pulido Brillo High-gloss Polished	Natural	Pulido Mate Matt Polished	Pulido Brillo High-gloss Polished
150 x 320 cm 59" x 126" 	Super Blanco-Gris		✓			✓		✓		---



Super Blanco-Gris
Natural



Super Blanco-Gris
Pulido Mate / Matt Polished



Super Blanco-Gris
Pulido Brillo / High-gloss Polished

LARSEN (BOOKMATCH)

		ITOP COUNTERTOPS					
		12 mm			6 mm		
		FINISHING			FINISHING		
FORMAT	COLOUR	Natural	Pulido Mate Matt Polished	Pulido Brillo High-gloss Polished	Natural	Pulido Mate Matt Polished	Pulido Brillo High-gloss Polished
150 x 320 cm 59" x 126"	Super Blanco-Gris A Super Blanco-Gris B		✓			✓	



Super Blanco-Gris
Natural / Natural



Super Blanco-Gris
Pulido Mate / Matt Polished



Super Blanco-Gris
Pulido Brillo / High-gloss Polished

Larsen Series in a 150 x 320 cm format and Natural and High-gloss Polished finishings can be used to create a bookmatching mirror effect. To achieve this effect, A + B references with the same colour and finishing must be used. For example: Super Blanco-Gris A High-gloss Polished and Super Blanco-Gris B High-gloss Polished.

COUNTERTOPS



Super Blanco-Gris A
Natural
Natural

Super Blanco-Gris B
Natural
Natural



Super Blanco-Gris A
Pulido Brillo
High-gloss Polished

Super Blanco-Gris B
Pulido Brillo
High-gloss Polished

Lissome

Thickness

12 mm

6 mm

Finishing

Pulido Mate / Matt Polished

LISSOME

		ITOP COUNTERTOPS	
		12 mm	6 mm
		FINISHING	FINISHING
		Pulido Mate Matt Polished	Pulido Mate Matt Polished
FORMAT	COLOUR		
150 x 320 cm 59" x 126"	Gris		
		✓	✓



Gris
Pulido Mate / Matt Polished

Lithea

Thickness

12 mm

6 mm

Finishing

Pulido Mate / Matt Polished

LITHEA

		ITOP COUNTERTOPS	
		12 mm	6 mm
		FINISHING	FINISHING
		Pulido Mate Matt Polished	Pulido Mate Matt Polished
FORMAT	COLOUR		
150 x 320 cm 59" x 126"	Super Blanco-Gris	✓	✓
			



Super Blanco-Gris
Pulido Mate / Matt Polished



Masai

Thickness

12 mm

6 mm

4 mm

Finishing

Abujardado / Bush-hammered

MASAI (*)

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Abujardado Bush-hammered	Abujardado Bush-hammered	Abujardado Bush-hammered
150 x 320 cm 59" x 126"	Piedra	✓	✓	✓



Piedra
Abujardado / Bush-hammered

Nobuk

Thickness

- 12 mm
- 6 mm
- 4 mm

Finishing
Natural

NOBUK

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Natural	Natural	Natural
150 x 320 cm 59" x 126"	Marrón	✓	✓	✓
				



Marrón
Natural



Oxide

Thickness

- 12 mm
- 6 mm
- 4 mm

Finishing
Natural

OXIDE				
		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Natural Natural	Natural Natural	Natural Natural
150 x 320 cm 59" x 126"	Corten	✓	✓	✓
				



Corten
 Natural



Pacific

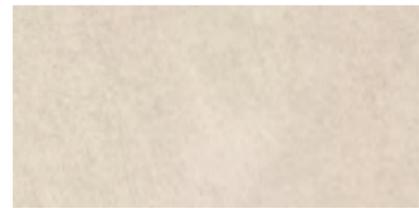
Espesor / Thickness

- 12 mm**
- 6 mm**
- 4 mm**

Finishing

Abujardado / Bush-hammered

PACIFIC				
		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (Piece + Mesh)
		FINISHING	FINISHING	FINISHING
		Abujardado Bush-hammered	Abujardado Bush-hammered	Abujardado Bush-hammered
FORMAT	COLOUR			
150 x 320 cm 59" x 126"	Blanco Plus	✓	✓	✓
	Gris			



Blanco Plus
Abujardado / Bush-hammered



Gris
Abujardado / Bush-hammered



Petra

Thickness

12 mm

6 mm

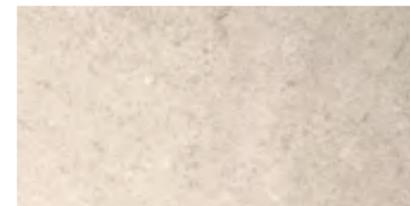
4 mm

Finishing

Abujardado / Bush-hammered

PETRA

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (*) Piece + Mesh
		FINISHING	FINISHING	FINISHING
		Abujardado Bush-hammered	Abujardado Bush-hammered	Abujardado Bush-hammered
FORMAT	COLOUR			
150 x 320 cm 59" x 126"	Crema	✓	✓	✓
				



Crema
Abujardado / Bush-hammered



Selecta

Thickness

12 mm

6 mm

Finishing

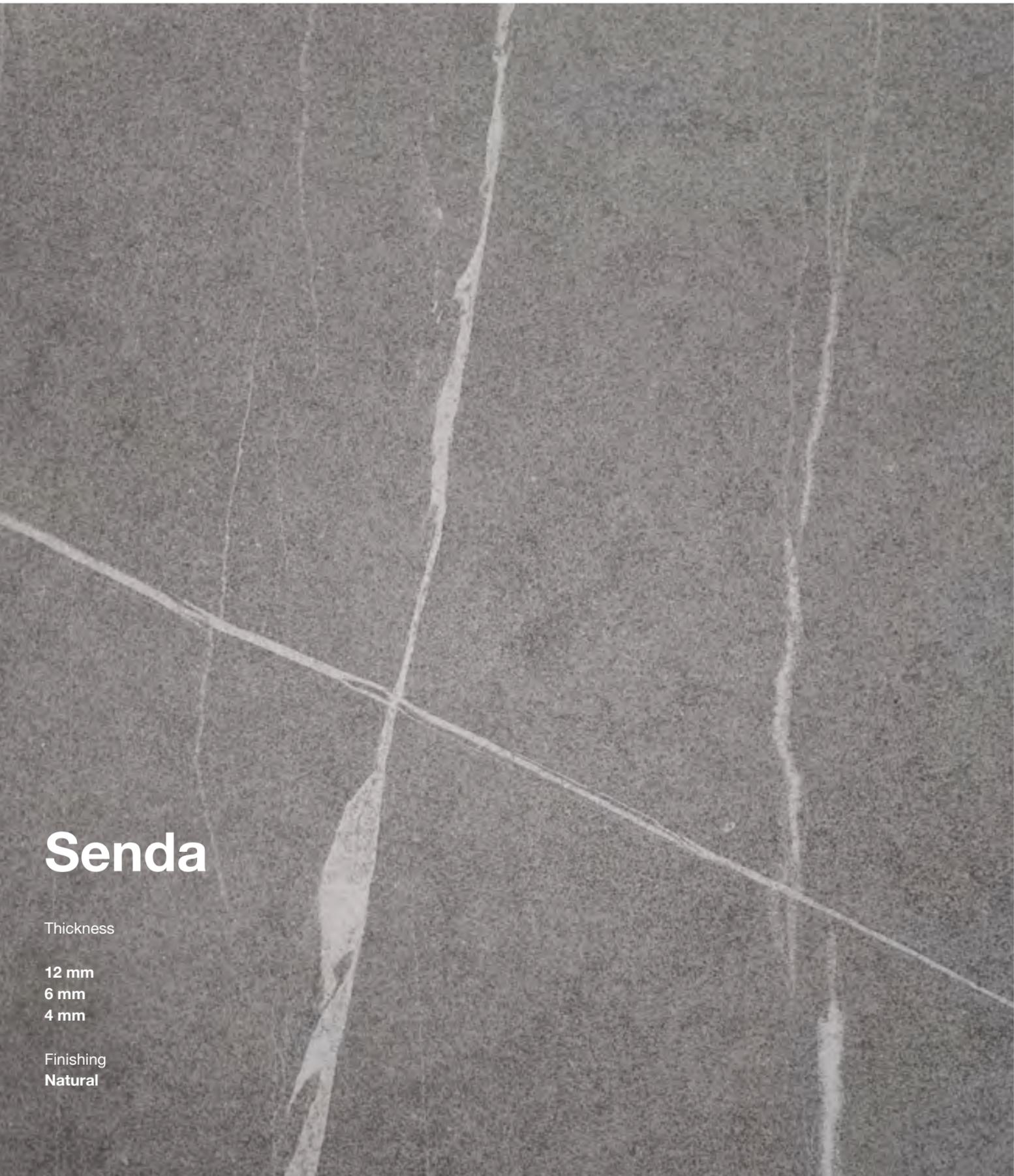
Pulido Brillo / High-gloss Polished

SELECTA

		ITOP COUNTERTOPS	
		12 mm	6 mm
		FINISHING	FINISHING
		Pulido Brillo High-gloss Polished	Pulido Brillo High-gloss Polished
FORMAT	COLOUR		
150 x 320 cm 59" x 126"	Super Blanco-Crema	✓	✓
			



Super Blanco-Crema
Pulido Brillo / High-gloss Polished



Senda

Thickness

- 12 mm
- 6 mm
- 4 mm

Finishing
Natural

SENDA

		ITOP COUNTERTOPS		ITOP FRONTS
		12 mm	6 mm	4 mm (Pieza + Malla / Piece + Mesh)
		FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Natural	Natural	Natural
150 x 320 cm 59" x 126"	Gris	✓	✓	✓
				



Gris
Natural

Silk

Thickness

12 mm

6 mm

4 mm

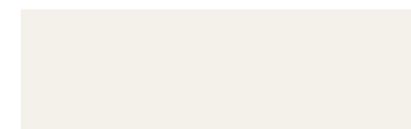
Finishing

Natural

Abujardado / Bush-hammered

SILK

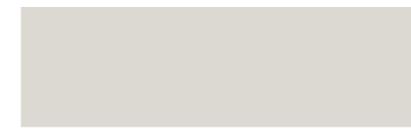
FORMATO FORMAT	COLOR COLOUR	ITOP COUNTERTOPS				ITOP FRONTS	
		12 mm		6 mm		4 mm Piece + Mesh)	
		FINISHING		FINISHING		FINISHING	
		Natural	Abujardado Bush-hammered	Natural	Abujardado Bush-hammered	Natural	Abujardado Bush-hammered
150 x 320 cm 59" x 126"	Blanco	✓		✓		✓	
	Perla						
	Camel	✓	---	✓	---	✓	---
	Moka						
	Gris						
	Negro	✓		✓		✓	



Blanco
Natural



Blanco
Abujardado / Bush-hammered



Perla
Natural



Camel
Natural



Moka
Natural



Gris
Natural



Negro
Natural



Negro
Abujardado / Bush-hammered



Storm

Thickness
12 mm
6 mm
4 mm

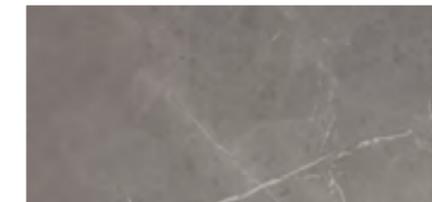
Finishing
Natural
Pulido Brillo / High-gloss Polished

STORM

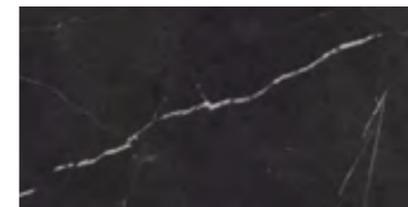
		ITOP COUNTERTOPS				ITOP FRONTS	
		12 mm		6 mm		4 mm (Piece + Mesh)	
		FINISHING		FINISHING		FINISHING	
FORMAT	COLOUR	Natural	Pulido Brillo High-gloss Polished	Natural	Pulido Brillo High-gloss Polished	Natural Natural	Pulido Brillo High-gloss Polished
150 x 320 cm 59" x 126" 	Gris					✓	----
	Negro	✓		✓		✓	



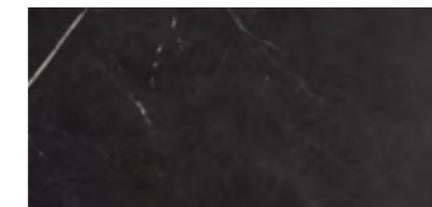
Gris
Natural



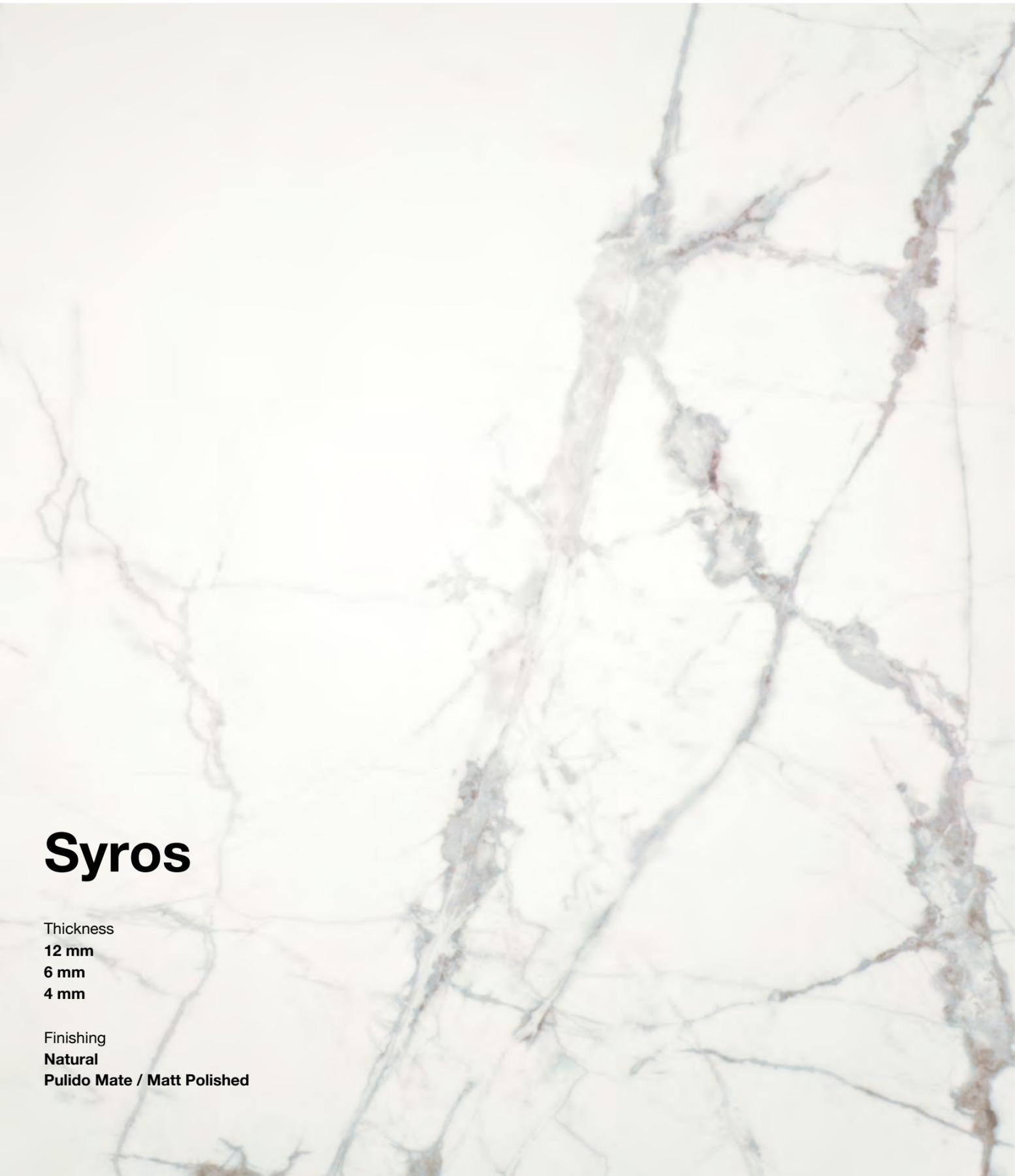
Gris
Pulido Brillo / High-gloss Polished



Negro
Natural



Negro
Pulido Brillo / High-gloss Polished



Syros

Thickness
12 mm
6 mm
4 mm

Finishing
Natural
Pulido Mate / Matt Polished

SYROS							
		ITOP COUNTERTOPS				ITOP FRONTS	
		12 mm		6 mm		4 mm (Piece + Mesh)	
		FINISHING		FINISHING		FINISHING	
FORMAT	COLOUR	Natural	Pulido Mate Matt Polished	Natural	Pulido Mate Matt Polished	Natural	Pulido Mate Matt Polished
150 x 320 cm 59" x 126" 	Super Blanco-Gris	✓	✓	✓	✓	✓	----



Super Blanco-Gris
Natural



Super Blanco-Gris
Pulido Mate / Matt Polished

Touché

Thickness

- 12 mm**
- 6 mm**
- 4 mm**

Finishing

- Natural**
- Pulido Brillo / High-gloss Polished**

TOUCHÉ

		ITOP COUNTERTOPS				ITOP FRONTS	
		12 mm		6 mm		4 mm (Piece + Mesh)	
		FINISHING		FINISHING		FINISHING	
FORMATO FORMAT	COLOR COLOUR	Natural	Pulido Brillo High-gloss Polished	Natural	Pulido Brillo High-gloss Polished	Natural	Pulido Brillo High-gloss Polished
150 x 320 cm 59" x 126"	Super Blanco-Gris	✓	✓	✓	---		



Super Blanco-Gris
Natural / Natural



Super Blanco-Gris
Pulido Brillo / High-gloss Polished

TOUCHÉ (BOOKMATCH)

		ITOP COUNTERTOPS			
		12 mm		6 mm	
		FINISHING		FINISHING	
FORMAT	COLOUR	Natural	Pulido Brillo High-gloss Polished	Natural	Pulido Brillo High-gloss Polished
150 x 320 cm 59" x 126"	Super Blanco-Gris A	✓	✓	✓	✓
	Super Blanco-Gris B				



Super Blanco-Gris
Natural / Natural



Super Blanco-Gris
Pulido Brillo / High-gloss Polished

Touché Series in a 150 x 320 cm format and Natural and High-gloss Polished finishings can be used to create a bookmatching mirror effect. To achieve this effect, A + B references with the same colour and finishing must be used. For example: Super Blanco-Gris A High-gloss Polished and Super Blanco-Gris B High-gloss Polished.

COUNTERTOPS



Super Blanco-Gris A
Natural

Super Blanco-Gris B
Natural



Super Blanco-Gris A
Pulido Brillo
High-gloss Polished

Super Blanco-Gris B
Pulido Brillo
High-gloss Polished



Vint

Thickness

- 20 mm
- 12 mm
- 6 mm
- 4 mm

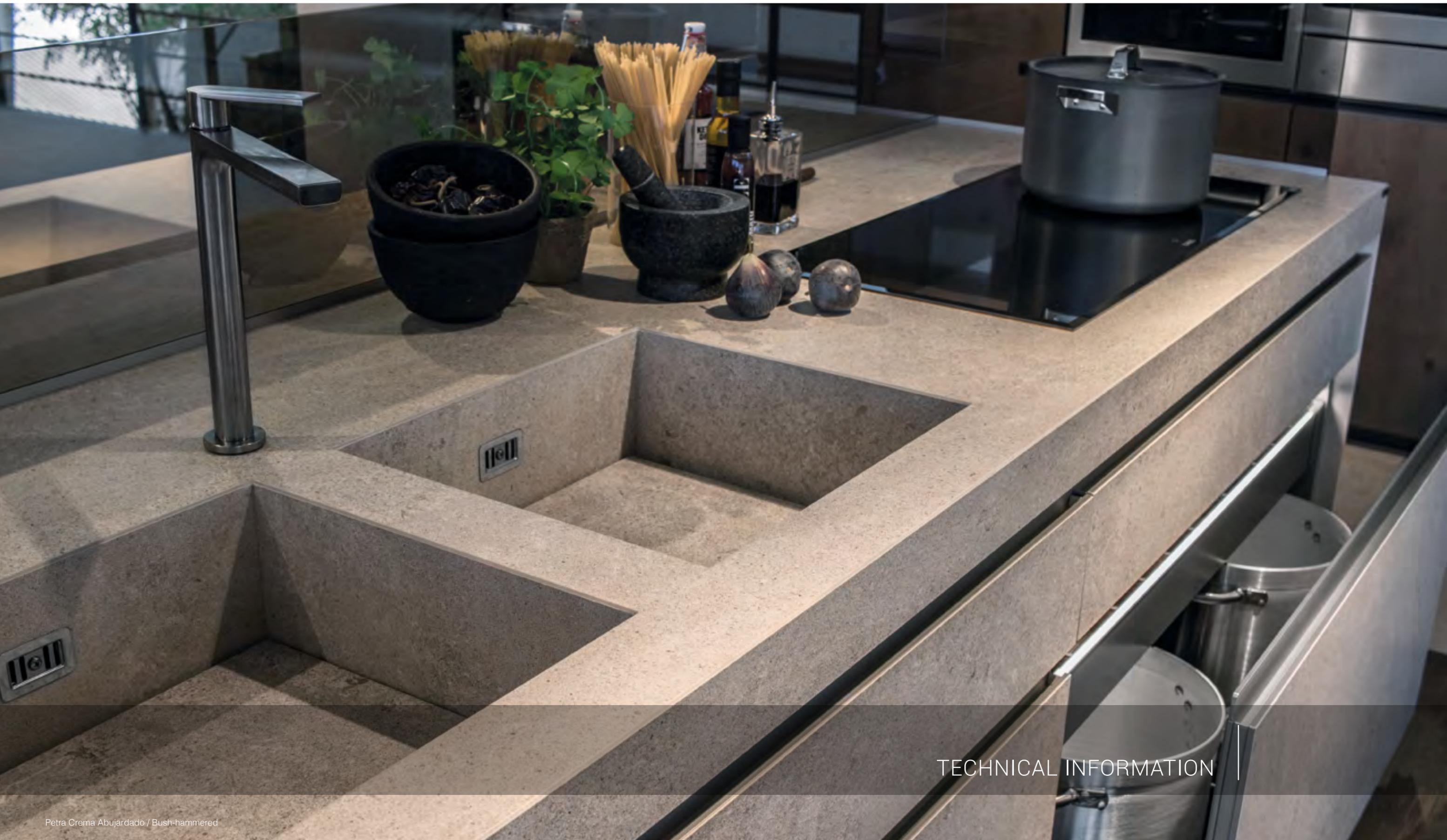
Finishing
Natural

VINT

		ITOP COUNTERTOPS			ITOP FRONTS
		20 mm	12 mm	6 mm	4 mm (Pieza + Malla / Piece + Mesh)
		FINISHING	FINISHING	FINISHING	FINISHING
FORMAT	COLOUR	Natural	Natural	Natural	Natural
150 x 320 cm 59" x 126"	Gris	✓	✓	✓	✓
					



Gris
Natural



TECHNICAL INFORMATION |

CARE AND MAINTENANCE

KNOCKS

ITOP slabs stand out for their hardness and resistance. Even so, care must be taken with those parts of the worktops and countertops most exposed to knocks, such as corners, edges and bevel edges.

RECOMMENDED USES

For the ITOP surfaces to conserve their original beauty, these guidelines should be followed:

-Use wooden chopping boards to cut food. Ceramic knives have a similar hardness to the countertop and so they should not be used to cut things on its surface.

-In spite of being a material of great hardness, it is not recommended to clean the ITOP surface with materials whose hardness is higher than porcelain.

-Countertops with polished finishes or dark colours are easier to scratch and so metal objects should not be dragged directly across their surfaces.

NATURAL AND BUSH-HAMMERED FINISHINGS CLEANING

ITOP has an almost non-porous surface and so it is easy to clean. Even so, a series of guidelines should be followed to remove different everyday stains typically found in kitchens and bathrooms.

The stains should be cleaned away as soon as they occur, using a cloth moistened with water, to prevent them from drying.

In the case of dry stains, moisten the area with hot water in order to soften the dirt and then remove it with a clean cloth.

Before any type of special cleaning product is used, test it out on an area that is not very visible to check that the shine or colour are not affected by the product.

HIGH-GLOSS POLISHED FINISHING CLEANING

As in Natural and bush-hammered surfaces, the stains should be cleaned away as soon as they occur, to prevent them from drying. Before any type of special cleaning product is used, test it out on an area that is not very visible to check that the shine or colour are not affected by the product.

To clean surfaces with a polished finish, remember that their chemical resistance is lower than that of other finishes and so some substances might affect their appearance.

Do not use scouring pads or other cleaning materials that might be too rough for the surface.

HIGH-GLOSS POLISHED FINISHING CLEANING

Clean the surface with a damp cloth and soapy water and then dry it with an absorbent cloth. If the stain persists, moisten it with hot water, leave it to act, and then dry the surface with a clean dry cloth.

Suitable cleaning products for polished surfaces include oven cleaners, solvents, grease removers and ammonia. Cleaning products to avoid include abrasive cleaners or sponges, rust removers, hydrofluoric acid and other concentrated acids, bleach and products with a pH of more than 11.

Although in thermal shock tests, the polished finish was found to withstand extreme temperatures, it is better to use protective objects like coasters, table mats and napkins.

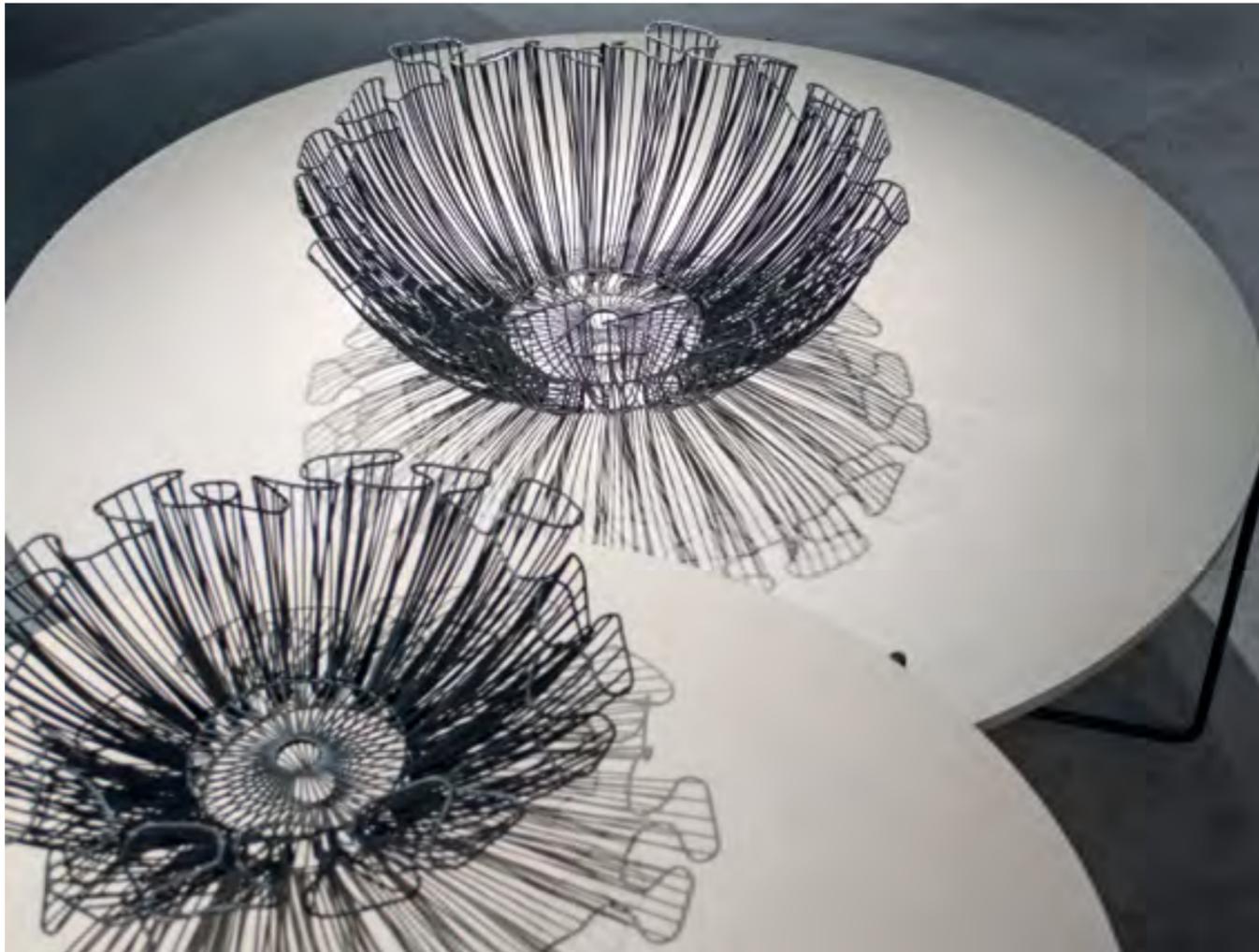
Likewise, do not cut anything directly on the countertop surface, throw objects onto it or drag them across it. Polished finishes should not be used in areas with sinks due to the greater likelihood of wear and tear from everyday use.

CLEANING INSTRUCTIONS BY TYPE OF STAIN	
TYPE OF STAIN	DETERGENT
Fat or grease	Alkaline or Solvent
Oil	Solvent
Ink	Solvent
Coffee	Alkaline or Acidic
Wine	Alkaline or Acidic
Fruit juice	Oxidant
Soft drinks	Oxidant
Food colouring	Oxidant
Rubber	Solvent
Indelible pen	Solvent
Cement residues	Acidic
Nicotine	Solvent or Oxidant
Resin	Solvent
Iodine	Oxidant
Blood	Oxidant
Candle wax	Solvent

TECHNICAL CHARACTERISTICS

ITOP is a non-toxic environmentally-friendly product that complies with European legislation under current EU Regulation no. 305 of the EUROPEAN PARLIAMENT AND THE COUNCIL and specific standards applicable to the tile sector.

All first-choice products by INALCO comply with and even surpass ISO standards 13006 and EN 14411 regarding the definition, classification, characteristics and marking of ceramic tile materials.



TECHNICAL CHARACTERISTICS

Características técnicas según normas Technical characteristics ISO 13006 / GRUPO Bla UNE - EN 14411 GRUPO Bla		Norma de referencia Reference standard	Valor requerido Required value	Valor medio obtenido Mean value
Características físicas Physical characteristics	Absorción de agua Water absorption	EN-ISO 10545-3	≤ 0,5 %	≤ 0,1 %
	Fuerza de rotura Breaking strength	EN-ISO 10545-4	≥ 1.300 N	Supera la norma Standard overtakes
	Resistencia a la flexión Bending strength	EN-ISO 10545-4	≥ 35 N / mm ²	Supera la norma Standard overtakes
	Coficiente de resistencia al impacto Resistance to impact	EN-ISO 10545-5	≥ 0.55 sin defectos visibles without visible defects	≥ 0.80 sin defectos visibles without visible defects
	Resistencia a la abrasión profunda Resistance to deep abrasion	EN-ISO 10545-6	≤ 175 mm ³	≤ 135 mm ³
	Comportamiento frente al fuego Resistance to fire	UNE-EN 13501:1:07 + A1	-	A ₁
	Dilatación térmica lineal Lineal thermal expansion	EN-ISO 10545-8	-	≤ 9 x 10 ⁻⁶ K ⁻¹
	Resistencia al choque térmico Thermal shock resistance	EN-ISO 10545-9	-	Resiste Resists
	Dureza Mohs Mohs surface hardness	EN 101	Min. 5	5 - 9
	Resistencia a la helada Frost resistance	EN-ISO 10545-12	Exigida Required	Resiste Resists
Características químicas Chemical characteristics	Resistencia a productos domésticos de limpieza y aditivos de piscina Resistance to household cleaning products and swimming pool aditives	EN-ISO 10545-13	Mín. GB GB Min.	Resiste (GA) Resists (GA)
	Resistencia a ácidos y bases en baja concentración Resistance to acids and bases in low concentration	EN-ISO 10545-13	Indicada por el fabricante As indicated by manufacturer	Resiste (GLA) Resists (GLA)
	Resistencia a las manchas Resistance to staining	EN-ISO 10545-14	Mín. Clase 3 Class mIN.	Clase 5 Class 5

CUTTING AND HANDLING INSTRUCTIONS

ITOP Countertops slabs are conspicuous for their outstanding technical properties. The key benefits they offer include a very high resistance to scratches, impacts, high and low temperatures, staining and wear and tear. This makes them perfect for use as countertops. Because the surface is non-porous, this prevents the spread of bacteria and mould, while also ensuring food grade properties.

ITOP Countertops slabs must be cut and handled using top-quality specific tools at all times. If the right tools are not used, problems might occur and the slabs, tools or machinery might even get damaged.

For this reason, before proceeding to cut and/or handle ITOP slabs, ask for details of the right tools and equipment to use.

CUTTING WITH A DISC CUTTER

Make sure that the whole slab rests on the cutting table. This should be solid and strong, with a flat level surface and no unevenness. A rubber or wooden mat should be placed between the slab and cutting table to cushion any vibrations from the disc.

The right disc to use will depend on the make. It should be in good condition, with no surface flaws that might affect the quality of the cuts it makes. Follow the manufacturer's recommendations at all times with regard to the right revolutions and cutting speed. Examples of makes of cutting discs are:

ADI (<http://www.aditools.com>)



	300 mm Ø	350 mm Ø	400 mm Ø
Revolutions	1800 RPM	1600 RPM	1500 RPM
Cutting speed	1,2 m.l. / min	1,2 m.l. / min	1,2 m.l. / min

FREDIMAR (<http://www.fredimar.com/en/>)



	300 mm Ø	350 mm Ø	400 mm Ø
Revolutions	2500 RPM	2200 RPM	1900 RPM
Cutting speed	1,5 m.l. / min	1,5 m.l. / min	1,5 m.l. / min

Before proceeding to cut the slabs as required, trim a strip from each side of approximately 3 cm to reduce any possible stress and ensure a good edge.

The cutting disc must be properly cooled during use, since the slabs are made of very hard, solid material. The water jet should be aimed at the cutting point where the disc is in contact with the slab. Begin and end the cut at half the recommended speed so as to ensure a good finish.

When cutting Blanco Plus and Super Blanco coloured slabs, use half the normal cutting speed.

WATERJET CUTTERS

Start the cut 3 cm from the edge of the slab so as to avoid any stress. A pressure of about 3900 bars and speed of 0.7m/min is needed. The whole slab should be supported by the cutting table.

Finish the cut working toward the edge of the slab if this can be done with the waterjet software.

Use carpenter's squares to hold the slab in place while it is being cut.

PARAMETERS FOR WATERJET CUTTING EQUIPMENT

Thickness	Speed	Pressure	Abrasive flow rate
12 mm	1m / min	2.800 Bars	0,4 kg / min

The figures shown above are recommended ones. The cutting speeds or abrasive flow rates can be adjusted to obtain a more specific finish.

CUTTING AND HANDLING INSTRUCTIONS

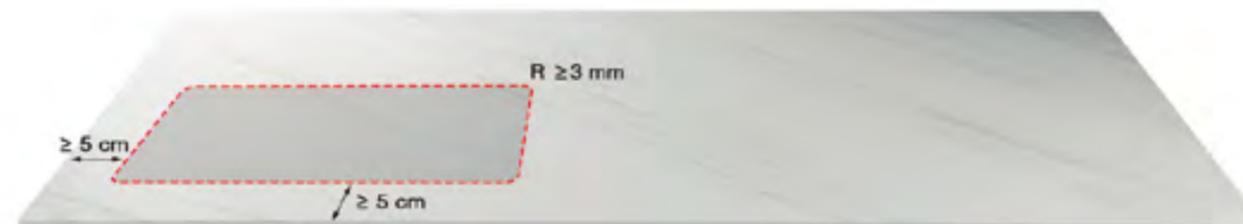
PROTECTING THE EDGES

Once they have been cut, the edges of ITOP Countertops must be treated with a sealant to waterproof the slab.

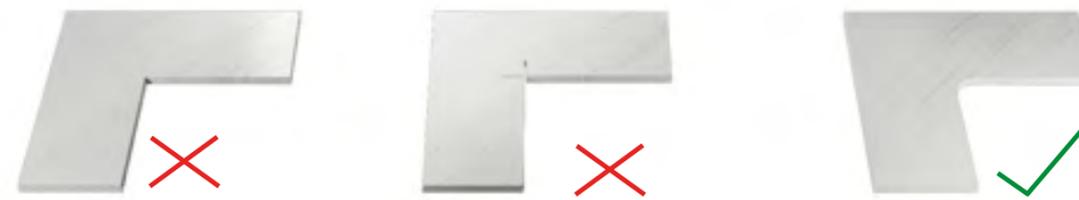
The edges can also be polished once cut. For this purpose, use appropriate discs, always starting with finer grit ones and increasing the grit size progressively until the required finish is achieved.

CUTTING HOLES IN ITOP SLABS

Always leave a minimum of 5 cm between the hole to be cut and the edge of the slab. The corners of holes must have a minimum radius of 3 mm.



A bigger radius will ensure a higher structural resistance. In contrast, angles with no radius create a stress point on the surface. NEVER LEAVE 90° ANGLES.

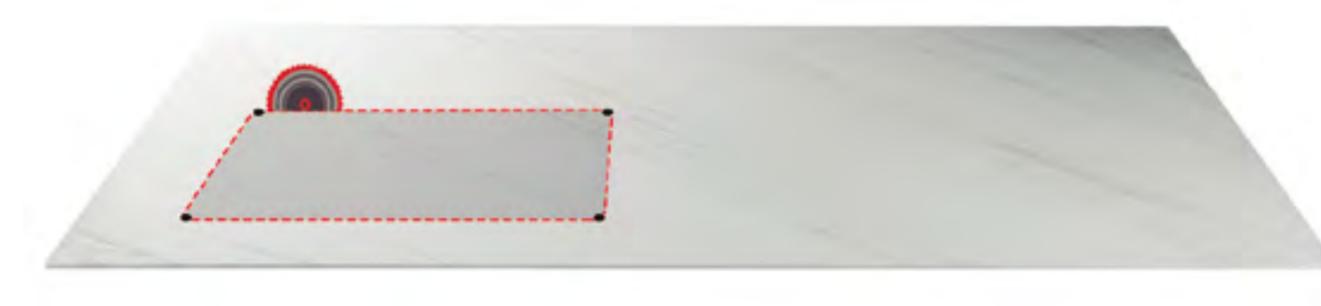


To make the corners of the cut-out, drill them with a bit with a radius of > 3 mm.



CUTTING AND HANDLING INSTRUCTIONS

Next, cut from one hole to the next, in a straight line, using a bridge saw and working at a minimum speed to prevent the slab from breaking due to the stress to which it is subject.



CUTTING POLISHED SLABS

ITOP polished slabs should be cut with water-cooled cutting equipment.

MACHINE CUTTING

When using bridge cutting machines, waterjet equipment and CNC routers, the same conditions apply as for slabs with a natural or bush-hammered finish. Always remember that when a slab is cut with waterjet equipment, the point where you start cutting should be at a sufficient distance from the work area in order to avoid chipped edges.

CUTTING BY HAND

As with cut-outs in slabs with a natural or bush-hammered finish, first the corners should be drilled with a water-cooled drill.

When a cut-out is hand cut, a dry cutting disc should be used. It must be remembered that with dry cutting equipment, chipped edges are more likely.

After making the cut-out, grind down the edges to the right size, using appropriate grinding discs or cup wheels.

ATTENTION

Due to their composition, polished slabs are more prone to sagging. To prevent this from occurring, clamp them to an aluminium bar and keep the slabs as flat as possible.

