

Technical manual.

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1.1 Slab Sizes

Slab Thickness	Slab Size
12 mm	328x154* / 320x160*
20 mm	328x154* / 320x160*
4D 12mm	320x160*
4D 20mm	320x160*

* not rectified

1.2 Thicknesses & Weight

12 mm - 1/2"
29 Kg/m²



20 mm - 3/4"
48 Kg/m²



1.3 Finishes

Natural:

A compromise between the polished and natural finishes.
Matt surface.



Polished:

Finish obtained through post-production treatment, carried out by grinders which increase its gloss and final hardness.



Lapped:

A new honed surface that creates polished-matt contrasts.



Silky:

With velvety visual and tactile qualities.



Cashmere:

A velvety and smooth surface that displays the esprit couture of technical ceramic surfaces.



Slate:

Surface features a subtle, soft to the touch structured finish.






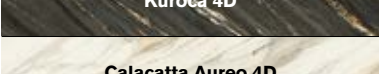

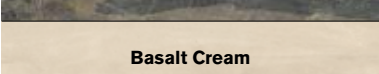


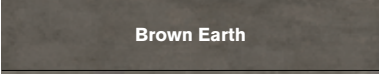
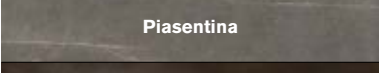
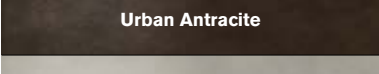

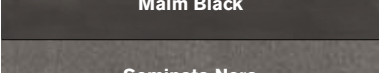
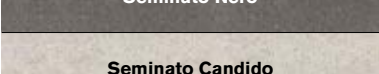

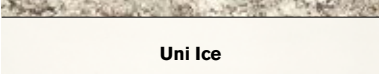
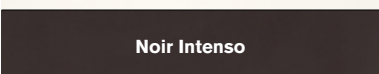
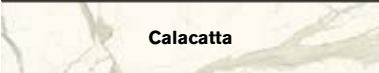


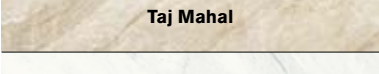
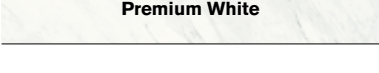
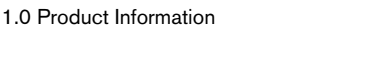



ACTIVE SURFACES:



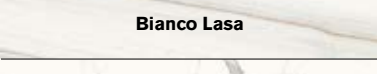



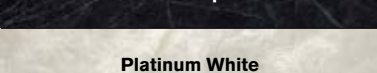
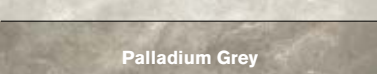
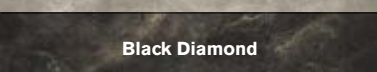
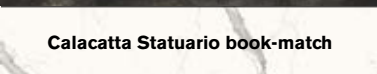
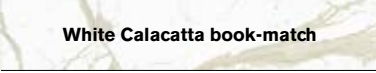

Antibacterial and Antiviral Action . Anti-Pollution Action
Self-Cleaning Action . Anti-Odour Action



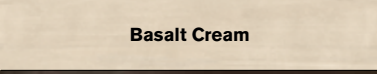
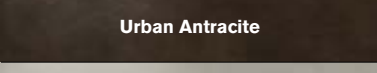

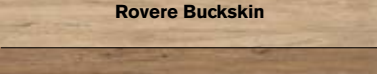
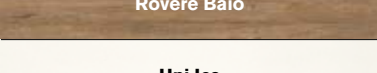
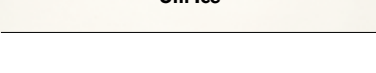
1.4 Product Summary

product	size	finish / thickness mm										
		cashmere		polished		natural		lapped		slate	silky	ACTIVE SURFACES®
 Calacatta 4D	* 320x160 cm 126" x 63" in.	12	20	12	20	-	-	-	-	-	-	-
 Calacatta Statuario 4D	* 320x160 cm 126" x 63" in.	12	20	12	20	-	-	-	-	-	-	-
 Arabescato 4D	* 320x160 cm 126" x 63" in.	12	20	12	20	-	-	-	-	-	-	-
 Calacatta Macchia Vecchia 4D	* 320x160 cm 126" x 63" in.	12	20	12	20	-	-	-	-	-	-	-
 Grand Antique 4D	* 320x160 cm 126" x 63" in.	12	20	12	20	-	-	-	-	-	-	-
 Kuroca 4D	* 320x160 cm 126" x 63" in.	12	20	12	20	-	-	-	-	-	-	-
 Calacatta Aureo 4D	* 320x160 cm 126" x 63" in.	12	20	12	20	-	-	-	-	-	-	-
 Jatoba Brown 4D	* 320x160 cm 126" x 63" in.	-	-	-	-	-	-	12	20	-	-	-
 Basalt Cream	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-
 Light Earth	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-
 Sand Earth	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-
 Brown Earth	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-
 Piasentina	* 320x160 cm 126" x 63" in.	-	-	-	-	-	-	-	-	12	-	-
 Urban Antracite	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-
 Urban Argento	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-
 Malm Black	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-
 Seminato Nero	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	-
 Seminato Candido	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	-
 Alaska White	* 320x160 cm 126" x 63" in.	-	-	-	-	-	-	12	20	-	-	-
 Uni Ice	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	12
 Noir Intenso	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-
 Calacatta	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	12
 Calacatta Macchia Vecchia	* 320x160 cm 126" x 63" in.	-	-	12	-	-	-	-	-	-	12	-
 Bright Onyx	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	-
 Taj Mahal	* 320x160 cm 126" x 63" in.	12	-	12	-	-	-	-	-	-	-	-
 Premium White	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	-

* not rectified

product	size	finish / thickness mm											
		cashmere		polished		natural		lapped		slate	silky	ACTIVE SURFACES®	
 Fior di Bosco	* 320x160 cm 126" x 63" in.	-	-	12	-	-	-	-	-	-	-	12	-
 Arabescato	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	-	-
 Bianco Lasa	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	-	-
 Calacatta Statuario	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	-	12
 Pietra Grey	* 320x160 cm 126" x 63" in.	-	-	12	-	12	-	-	-	-	-	-	12
 Alpi Chiaro Venato	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-	-
 Dark Marquina	* 320x160 cm 126" x 63" in.	-	-	12	-	-	-	-	-	-	-	12	-
 Platinum White	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-	-
 Palladium Grey	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-	-
 Black Diamond	* 320x160 cm 126" x 63" in.	-	-	-	-	12	-	-	-	-	-	-	-
 Calacatta Statuario book-match	* 320x160 cm 126" x 63" in.	-	-	12	-	-	-	-	-	-	-	12	-
 White Calacatta book-match	* 320x160 cm 126" x 63" in.	-	-	12	-	-	-	-	-	-	-	12	-

* not rectified

product	size	finish / thickness mm											
		cashmere		polished		natural		lapped		slate	silky	ACTIVE SURFACES®	
 Basalt Cream	* 328x154 cm 129" x 60" in.	-	-	-	-	-	20	-	-	-	-	-	-
 Urban Antracite	* 328x154 cm 129" x 60" in.	-	-	-	-	-	20	-	-	-	-	-	-
 Urban Argento	* 328x154 cm 129" x 60" in.	-	-	-	-	-	20	-	-	-	-	-	-
 Rovere Buckskin	* 328x154 cm 129" x 60" in.	-	-	-	-	12	-	-	-	-	-	-	-
 Rovere Baio	* 328x154 cm 129" x 60" in.	-	-	-	-	12	-	-	-	-	-	-	-
 Uni Ice	* 328x154 cm 129" x 60" in.	-	-	-	-	-	20	-	-	-	-	-	-

* not rectified

1.5 Price Groups

	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
Wood 12mm Natural	Rover Baio						
	Rovere Buckskin						
Stone 12mm Natural	Platinum White	Basalt Cream					
	Palladium Grey						
	Black Diamond						
Resin 12mm Natural	Urban Antracite						
	Urban Argento						
Concrete 12mm Natural	Light Earth	Malm Black					
	Sand Earth						
	Brown Earth						
Stone 12mm Slate		Pietra Piasentina					
Terrazzo 12mm Natural		Seminato Nero					
		Seminato Candido					
Terrazzo 12mm Polished				Seminato Nero			
				Seminato Candido			
Plain 12mm Natural			Uni Ice				
			Noir Intenso				
Plain 12mm Polished					Uni Ice		
Plain 12mm Active				Uni Ice			
Marble 12mm Natural		Calacatta	Bright Onix				
		Pietra Grey	Premium White				
			Arabescato				
			Bianco Lasa				
			Calacatta Statuario				
			Alpi Chiaro Venato				
Marble 12mm Polished				Calacatta	Calacatta Macchia Vecchia		
				Fior di Bosco	Bright Onix		
				Pietra Grey	Taj Mahal		
					Premium White		
					Arabescato		
					Bianco Lasa		
					Calacatta Statuario		
					Dark Marquina		
				White Calacatta BookMatch			
Marble 12mm Cashmere			Taj Mahal				
Marble 12mm Active			Calacatta				
			Calacatta Statuario				
			Pietra Grey				
Marble 12mm Silk				Fior Di Bosco	Calacatta Macchia Vecchia		
					Dark Marquina		

	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
Resin 20mm Natural			Urban Antracite				
			Urban Argento				
Stone 20mm Natural				Basalt Cream			
Plain 20mm Natural					Uni Ice		
Marble 4D 12mm Cashmere			Calacatta	Calacatta Statuario			
				Arabescato			
				Calacatta Macchia Vecchia			
				Grand Antique			
				Kuroka			
				Calacatta Aureo			
Marble 4D 12mm Polished					Calacatta		
					Calacatta Statuario		
					Arabescato		
					Calacatta Macchia Vecchia		
					Grand Antique		
					Kuroka		
					Calacatta Aureo		
Marble 4D 20mm Cashmere						Calacatta	
						Calacatta Statuario	
						Arabescato	
						Calacatta Macchia Vecchia	
						Grand Antique	
						Kuroka	
						Calacatta Aureo	
Marble 4D 20mm Polished							Calacatta
							Calacatta Statuario
							Arabescato
							Calacatta Macchia Vecchia
							Grand Antique
							Kuroka
							Calacatta Aureo
Stone 4D 12mm Lapped					Jatoba Brown		
Granite 12mm Lapped				Alaska White			
Stone 4D 20mm Lapped							Jatoba Brown
Granite 20mm Lapped						Alaska White	

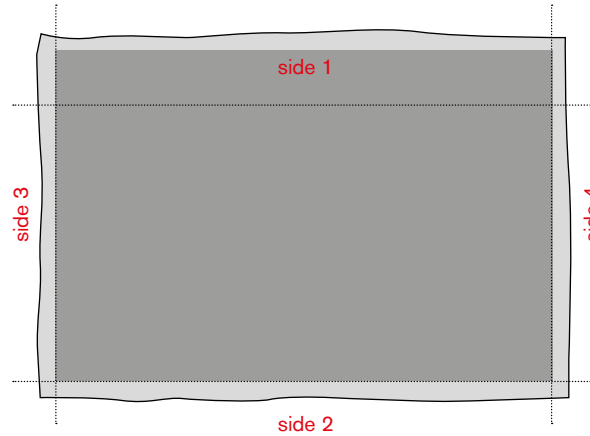
2.1 CNC / WaterJet Setup

CUTTING AND CUTOUTS

Non-rectified large format ceramics must be detensioned, by making a small cut on all four sides, before starting to carry out any other work.

We recommend using any type of cutter (disc, waterjet, CMC etc.).

We also recommend making cuts on the long sides first (1 and 2) followed by the short sides (3 and 4).



INSTALLATION INSTRUCTIONS:

We recommend wet cutting or the score and snap method during the installation process.

Do not dry cut using power tools during the installation process.

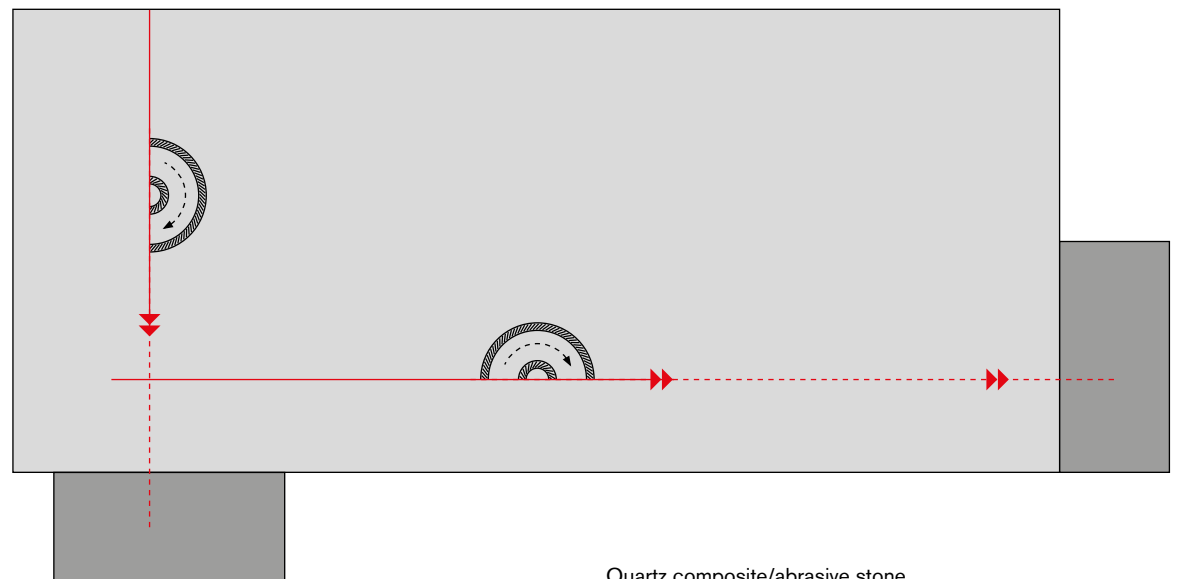
Improper installation techniques could expose installer to harmful dust.

DISC CUTTING

Check the work bench is stable and flat. Select an appropriate disc taking into account the type of material to be cut (PORCELAIN STONEWARE), thickness, angle and type of machinery used.

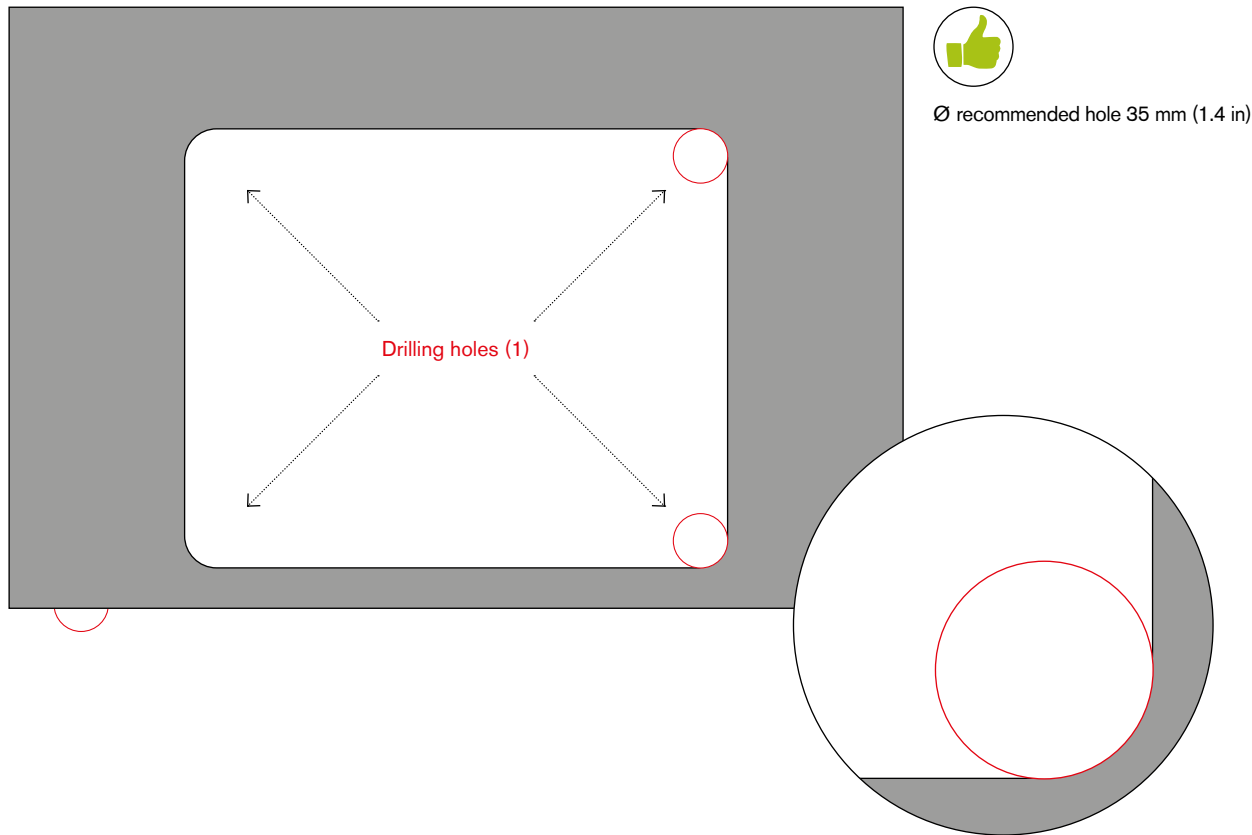
At the end of the cutting line, we recommend using a quartz agglomerate or abrasive stone to prevent any chipping when the disc exits.

When cutting small pieces, it is good practice to fix them with an appropriate device to avoid any movement and consequent breakage. Reduce cutting speed to 50% at the beginning and end of cutting, for a length equal to the diameter of the disc used.



**INTERNAL CUTS WITH DISC CUTTER
FOR BASINS, COOKTOPS, ETC.**

After having detensioned the large format ceramic around the entire perimeter, firstly make holes in each corner - minimum 35 mm (1.4 in) diameter holes are recommended. Then make 4 cuts on the large format ceramics starting with the longest cut and innermost one. The cut must be at a tangent to the circumference of the hole, without going beyond it.



The minimum distance between the cut and the edge of the large format ceramic should not be less than 50 mm (2.0 in).

IMPORTANT:

- Use discs suitable for porcelain stoneware.
- The smaller the disc diameter, the greater the spindle rotation speed.
- A lower cutting speed creates a better quality cut.
- The disc must cut the entire thickness of the large format ceramic, going beyond it by at least 1 mm (0.04 in).
- Check the work surface is straight, clean and stable.
- Cool the large format ceramic and disc thoroughly during cutting.
- Use plenty of water, making sure to direct the jet directly onto the cutting area.

THICKNESS	90° CUTTING FEED	DIAMETER DISC	MAX REVOLUTIONS
12 mm (0.48 in)	1,0 m/min	Ø 300 mm (11.8 in)	2100 - 2800
20 mm (0.80 in)	0,8 m/min	Ø 300 mm (11.8 in)	2100 - 2800
12 mm (0.48 in)	1,0 m/min	Ø 350 mm (13.8 in)	1900 - 2500
20 mm (0.80 in)	0,8 m/min	Ø 350 mm (13.8 in)	1900 - 2500
12 mm (0.48 in)	1,0 m/min	Ø 400 mm (15.8 in)	1500 - 2300
20 mm (0.80 in)	0,8 m/min	Ø 400 mm (15.8 in)	1500 - 2300
12 mm (0.48 in)	1,0 m/min	Ø 450 mm (17.8 in)	1200 - 2000
20 mm (0.80 in)	0,8 m/min	Ø 450 mm (17.8 in)	1200 - 2000
12 mm (0.48 in)	1,0 m/min	Ø 500 mm (19.8 in)	1000 - 1600
20 mm (0.80 in)	0,8 m/min	Ø 500 mm (19.8 in)	1000 - 1600

The values shown are indicative only and refer to an appropriate machine in good working order with adequate discs. For disc cutting, the operators expertise is vital in setting the parameters correctly, depending on the ceramics to be cut and the result required. It is also important to follow manufacturer's recommendations in respect of cutting discs.

WATER-JET CUTTING

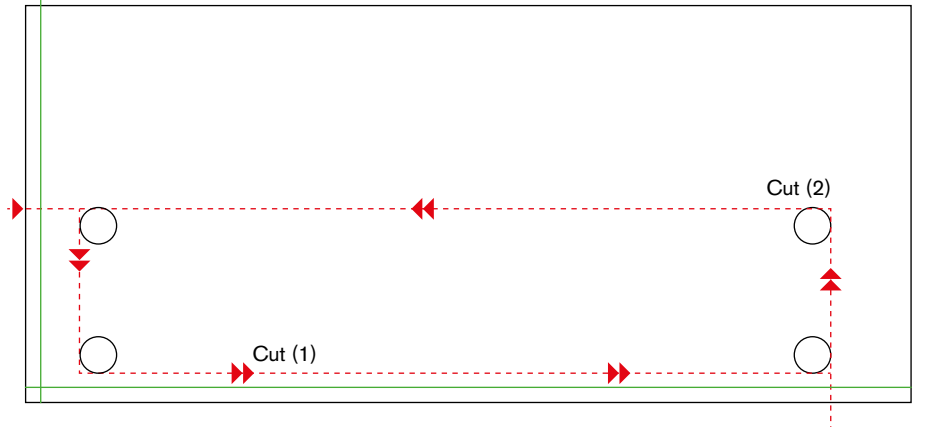
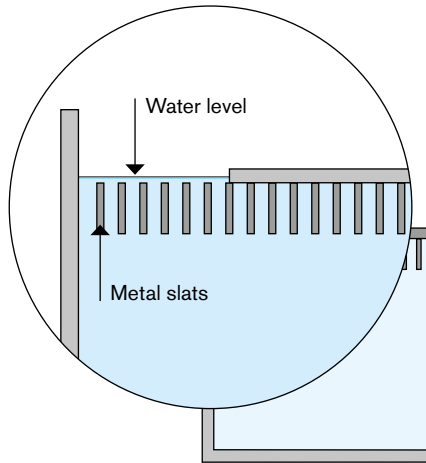
SAPIENSTONE large format ceramics can also be cut using a waterjet cutter. It is advisable to set working parameters taking into account all factors such as: type of ceramics or porcelain being cut, the thickness and type of machine being used. Cutting with a waterjet enables perfect shapes to be obtained with clean, very accurate cuts.

Before starting to cut, check the flatness of the workbench and condition of supports. We also recommend keeping the water level around 3 mm above the cutting surface supports.

When several openings need to be cut in large format ceramics, always cut the largest first followed by the smaller (for example: first the basin then the mixer tap). We recommend drilling holes in the corners before any cutouts, in order to avoid excessive stress loading at the junction of cuts.

The minimum distance between cutouts and outer edge or between cutouts is as stated previously (min. 50 mm/2.0 in).

Waterjet cutting requires perimeter contour cutting before starting the actual cut.



INDICATIONS FOR WATER-JET CUTTING

Ø ORIFICE	Ø NOZZLE	H ₂ O PRESSURE (HIGH) MPA	H ₂ O PRESSURE (LOW) MPA	ABRASIVE FLOW KG / MIN	ABRASIVE TYPE
0,3048 mm 0.012 in	0,889 mm 0.035 in	380	103	0,32 (11.25 oz)	Granato #80

SPEED MT/MIN

Thickness 12 mm (0.48 in)	0,7 - 1.0
Thickness 20 mm (0.80 in)	0,3 - 0,5

Reduce the speed by 20-30% for cuts other than at a 90° angle.



The figures shown are indicative only and refer to an appropriate machine in good working order with adequate equipment. For waterjet cutting, the operators expertise is vital in setting the correct parameters, depending on the ceramics or porcelain to be cut and the result required.

CNC CUTTING

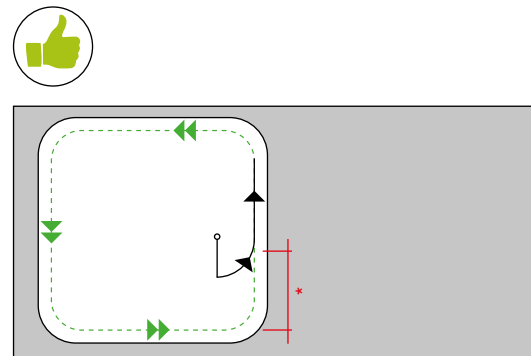
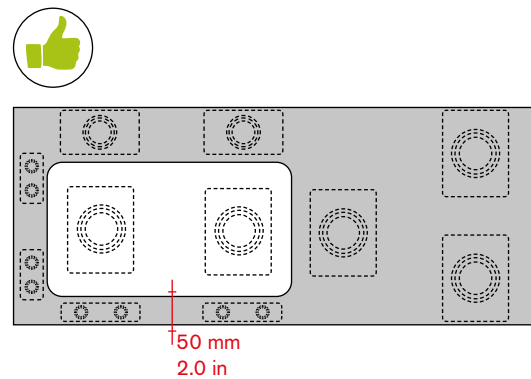
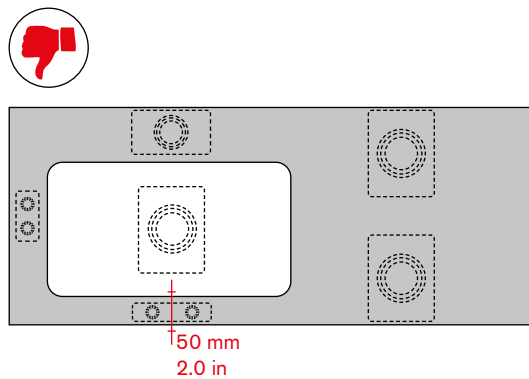
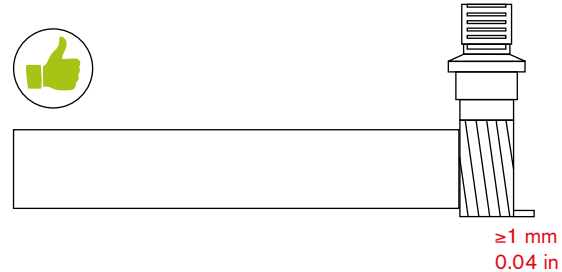
Check the working surface is straight, clean and stable.

Position a suitable number of suction cups in order to give the best possible support to the large format ceramic surface.

Positioning the suction cups correctly and efficiently is essential for successful cutting, in order for them to support the areas most under stress during cutting.

Distribute the suction cups evenly, including on the section that will be removed, otherwise the cut section could flex before the end of the cut causing breakages and cracks which would make the large format ceramic unusable. Use plenty of water sufficiently directed onto the machine tool.

The machine tool must be at least 1 mm larger than the thickness of the large format ceramic being cut.



*50% of cutting speed applied in the last 150 mm (6.0 in)

CNC CUTTING PARAMETERS

	SPEED MM/MIN	REVOLUTIONS / RPM	MAXIMUM REMOVAL
Initial hole Ø 35 mm	10/15 mm (0.4 / 0.6 in)	4000/5000	
Milling cutter Ø 19/22 mm	150/250 mm (6.0 / 9.8 in)	4000/5000	
Filo top finger bit	250/350 mm (9.8 / 13.8 in)	8000/10000	Max 3 mm (0.12 in) per pass

CAUTION

Finger bit: do not use the swinging option while cutting as this may result in chipping.

Rebate bit: Start by making a hole from which you can operate using the circular cutter. During the first of the two next passages remove 0.5 mm; later on, even the next 2 mm can be removed.

The figures shown are indicative only and refer to an appropriate machine in good working order with adequate machine tools.

For CNC cutting, the operators expertise is vital in setting the correct parameters, depending on the ceramics or porcelain to be cut and the result required.

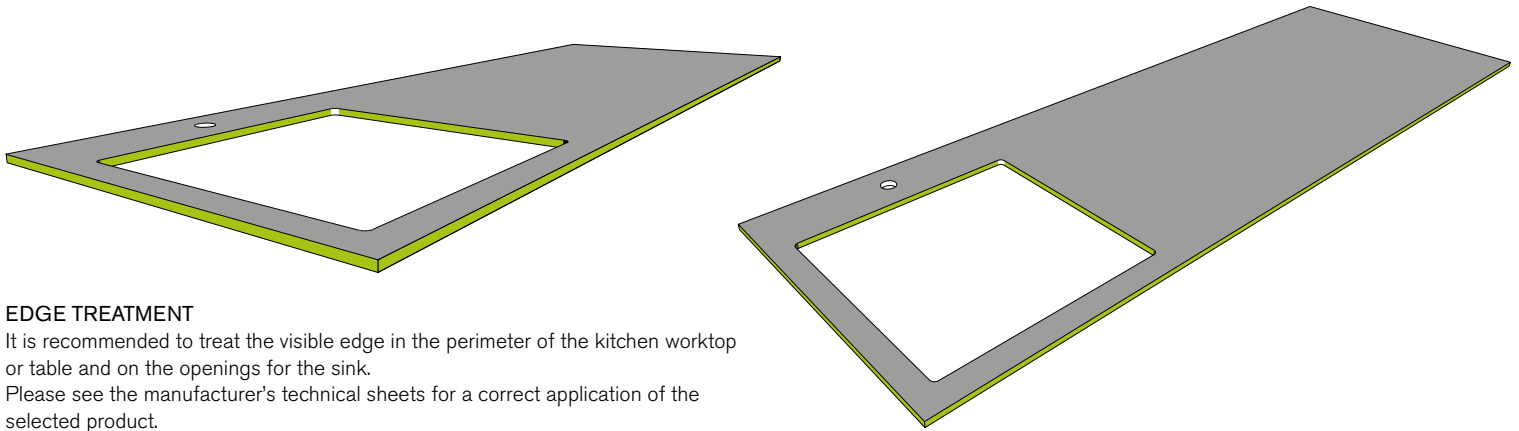
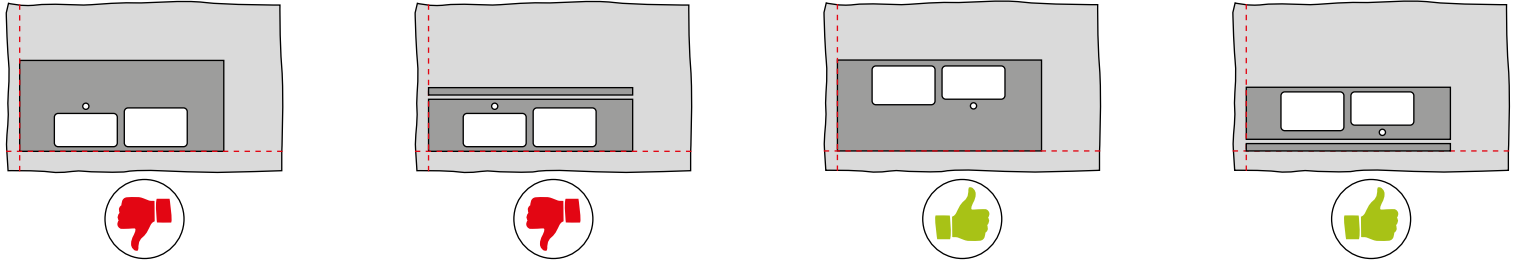
It is also important to follow the manufacturer's recommendations in respect of cutting tools.

2.2 Cut outs

CUTTING MANAGEMENT

Whenever possible, always position cuts and cutouts in the middle of the large format ceramic. For example on projects such as the ones beside.

The same result is obtained by turning the project 180° as below, but resulting in less weight on the large format ceramics and greater cutting margins.



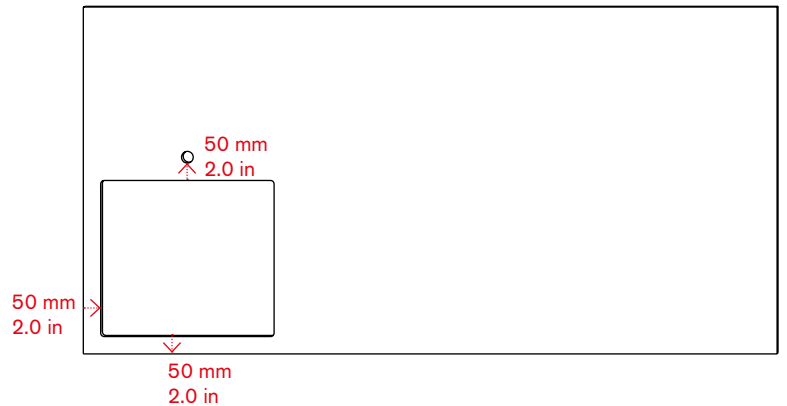
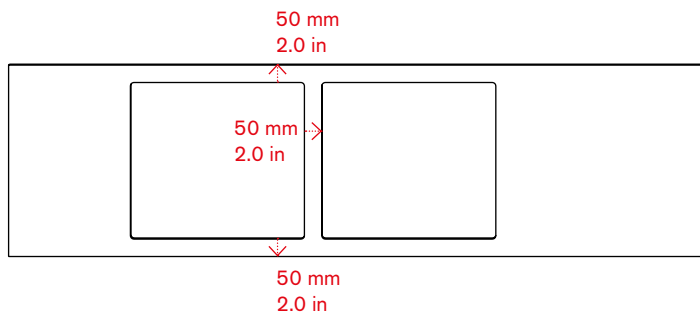
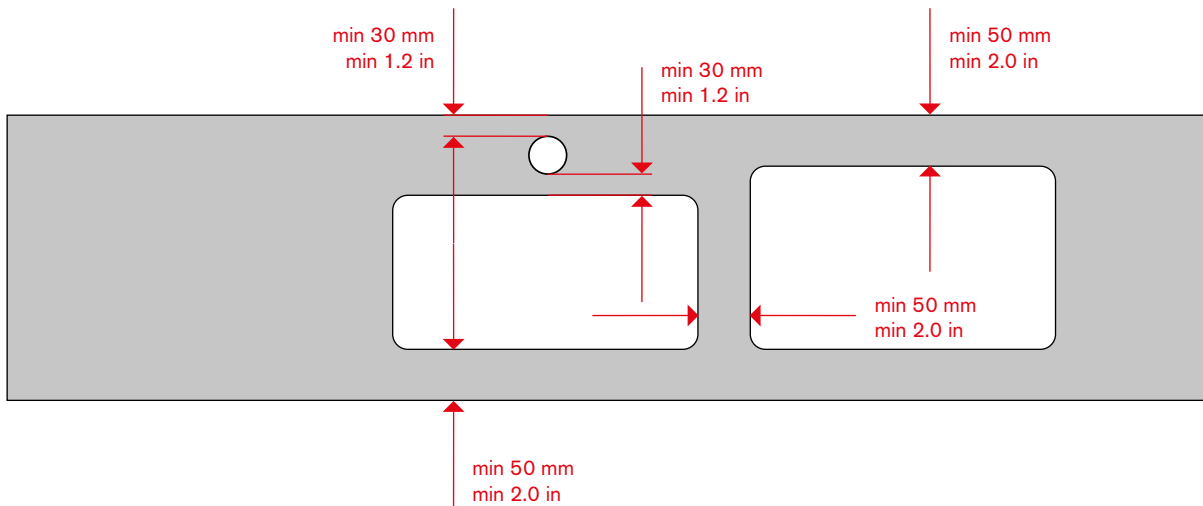
EDGE TREATMENT

It is recommended to treat the visible edge in the perimeter of the kitchen worktop or table and on the openings for the sink.

Please see the manufacturer's technical sheets for a correct application of the selected product.

INTERNAL CUTTING: RECOMMENDATIONS

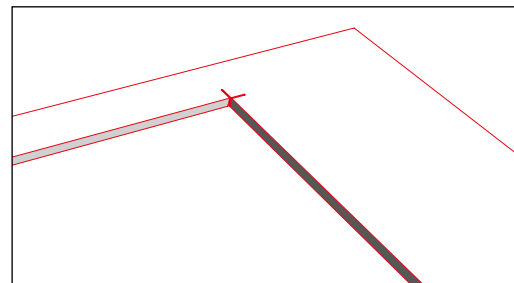
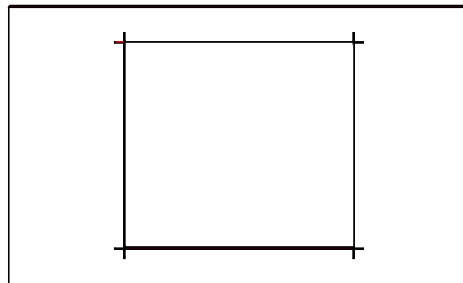
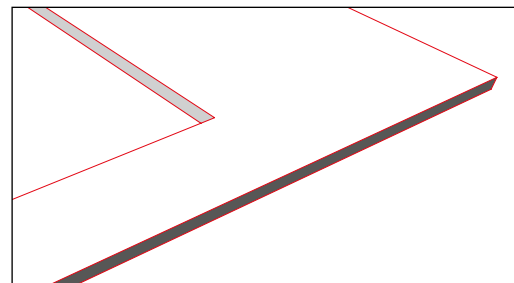
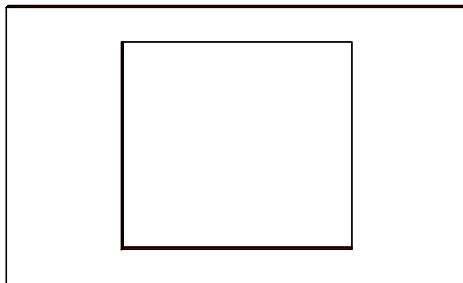
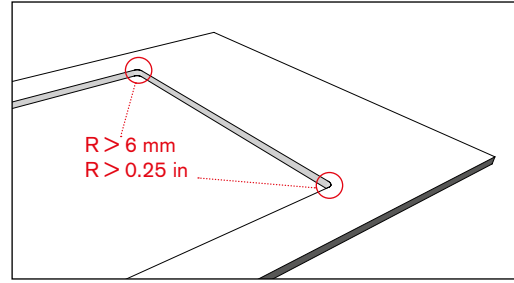
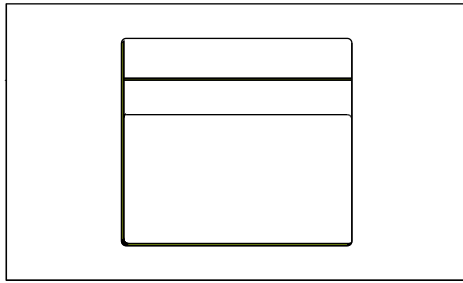
When cutting, the minimum distance recommended between the outer edge of the large format ceramic and the cutout should not be less than 50 mm. A minimum distance of 30 mm is recommended between each cutout, for example between openings for taps and basin.



INTERNAL CORNERS

Internal corners of cut-outs must have a minimum 6 mm (0.25 in) radius.

Cutting 90° angles considerably increases the possibility of cracking and breakage during all stages of working (processing, handling, transport and installation). Holes for faucets must be positioned at least 30 mm (1.2 in) from cut-outs and the outer edge of large format ceramics.



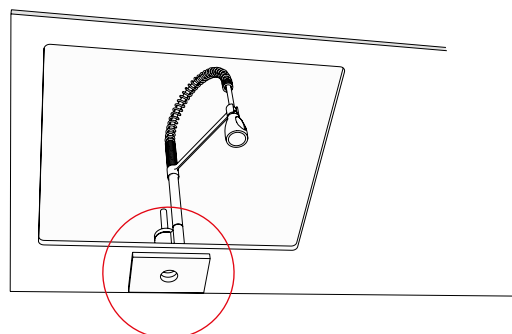
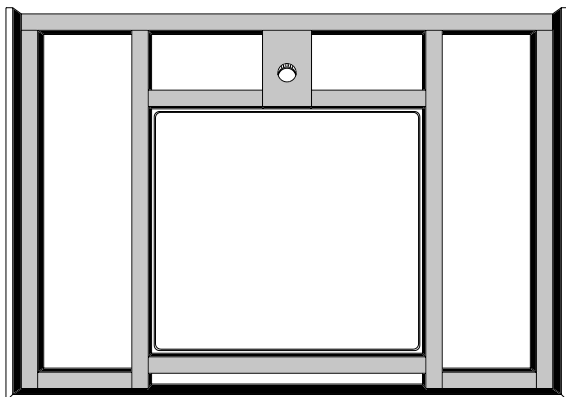
2.3 Taps

POSITIONING THE REINFORCEMENTS

It is recommended to build reinforcements to be placed on the slab rear side at a reciprocal distance of 600 mm (24.0 in).

All joints must be reinforced in the lower part.

Gaps, not supported by any surface, must be reinforced with bars of a sufficiently resistant material, such as: granite, aluminum, high density polyurethane foam.



If the taps are to be installed directly in the top, it is advisable to add a reinforcing pad under the top in the point where the hole has been drilled. Be careful as the pad must be positioned so as to enable free movements of the top.



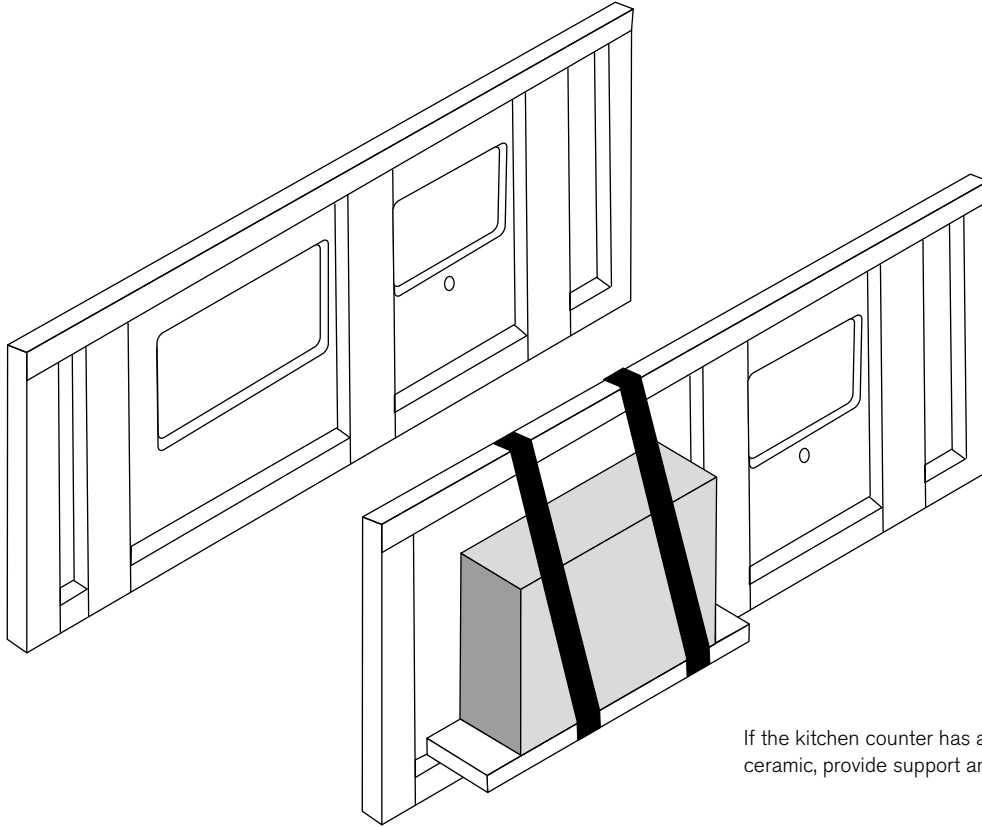
2.4 Hobs

HANDLING AFTER CUTTING

After completing all work on large format ceramics, take special care during handling, transport and installation at the client's premises.

Most damage to the structure occurs during these phases, caused by flexing, twisting or impact on edges and corners.

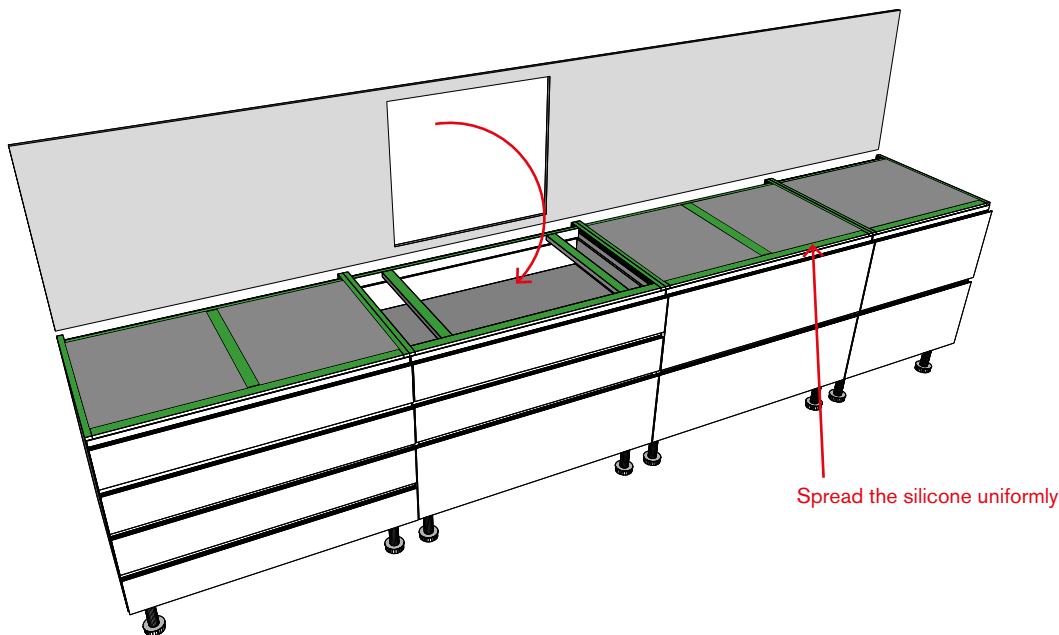
When there are large cutouts, or more than one cutout, we recommend installing wooden bars (50 x 30 mm/1.2"x2.0") along the entire length of the large format ceramic and also crossways, as per the diagram below to reduce the possibility of flexing (using hot glue to fix in place).



If the kitchen counter has a built-in basin assembled directly on the large format ceramic, provide support and fix the basin so that it cannot cause twisting or flexing.

APPROACHING THE PIECES

While approaching the slabs we recommend to follow the procedure below to guarantee the best possible positioning:



POSITIONING THE PIECES WITHOUT JOINT

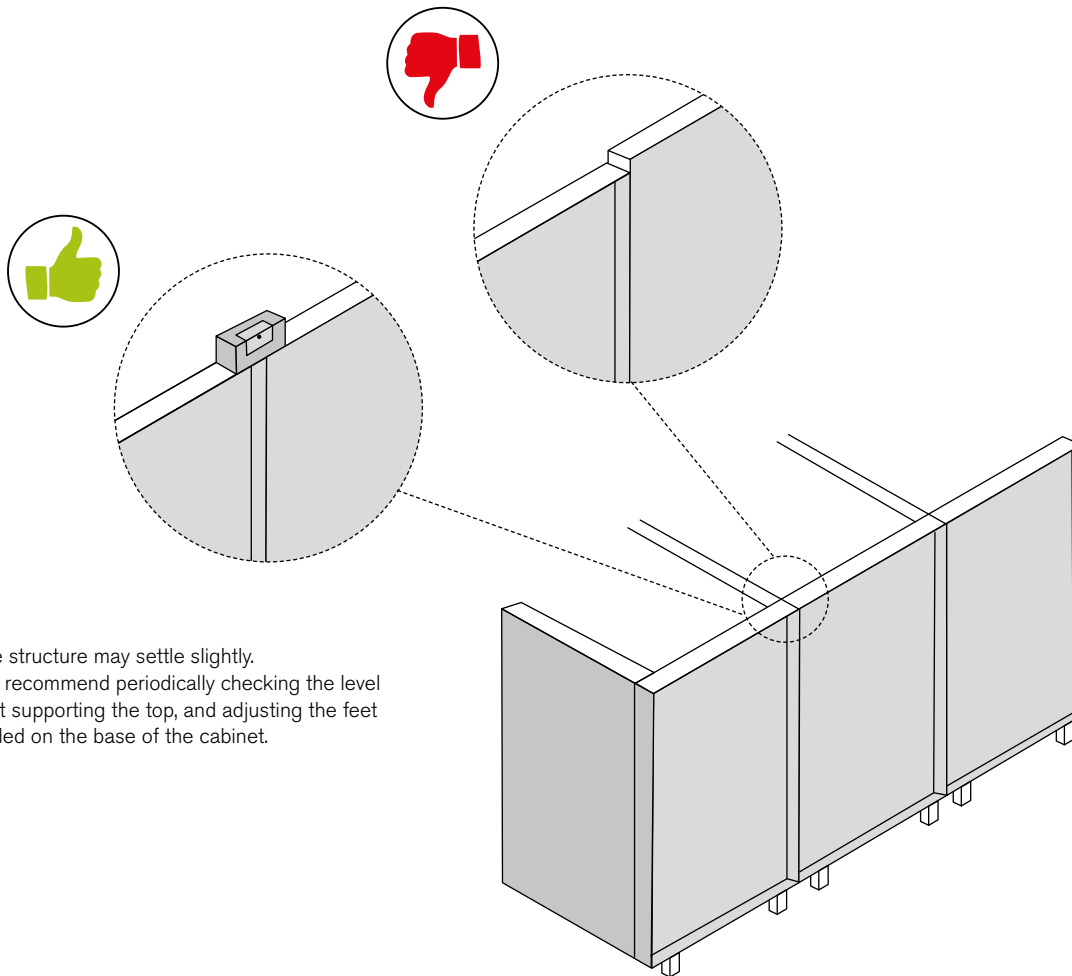
Please handle the slabs carefully, with special caution to edges and keeping to the instructions below for their positioning:

1. check that each edge is minimally chamfered to make the slab more solid;
2. make sure that the substrate is levelled and perfectly flat, otherwise adjust or adapt using levelling wedges;
3. check that the joint edges match perfectly and do not have different angles, which may cause breakage.

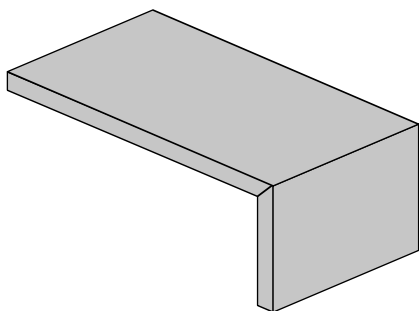
Levelling wedges must be inserted while approaching two adjacent slabs to avoid any impact.

The wedges can be removed only when silicone is applied and during possible later final adjustments that require a min. movement.

2.5 Joints



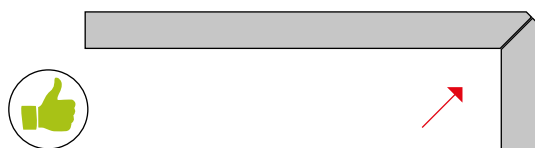
Over time the structure may settle slightly. We therefore recommend periodically checking the level of the cabinet supporting the top, and adjusting the feet usually provided on the base of the cabinet.



BONDING THE TOP

To bond porcelain stoneware parts (i.e. joints between vertical and horizontal pieces), use a two-part epoxy resin in the same color as the ceramics. Remove any excess two-part resin before it hardens.

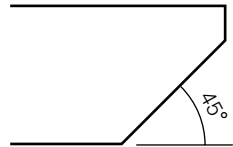
To bond the top to the structure use an flexible adhesive (i.e. silicone). For joints between set-in elements and the top use a transparent flexible adhesive (i.e. silicone) or the gaskets supplied with the basin or appliance.



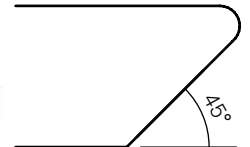
2.6 Edges

EDGES OF THE KITCHEN WORKTOP

A few processing types of the external edge are suggested below and are useful to get a correct balance between appearance and functionality of the worktop. They also allow possible product breakage to be prevented.



Sharks Nose Square Edge



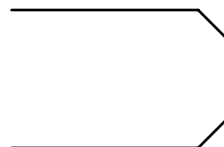
Sharks Nose Round Edge



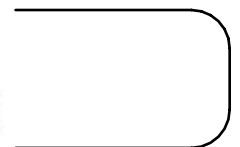
Single Chamfer



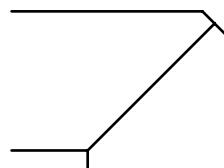
Single Round



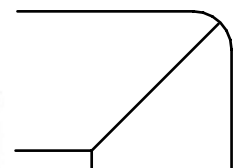
Double Chamfer



Double Pencil



L-shaped squared ridge

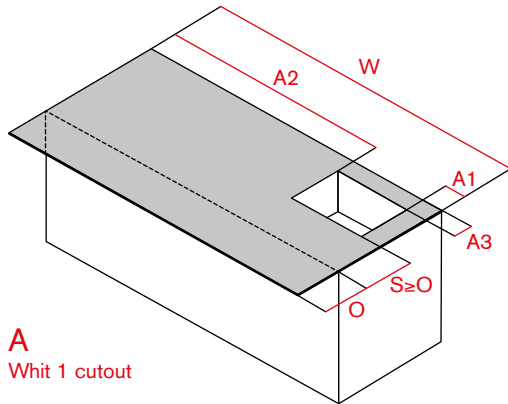


L-shaped rounded ridge

NOTE:
Work done on Basalt Black

2.7 Overhangs

EXAMPLE:

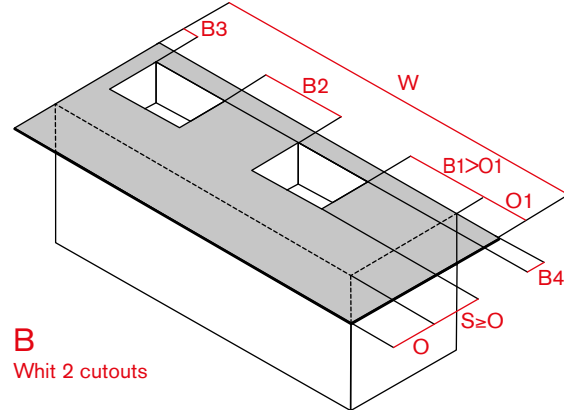


A
Whit 1 cutout

O = Overhang

S = Supported section must be \geq O

A1, A3 \geq 100 mm (4.0 in)
A2 \geq 600 mm (24 in)

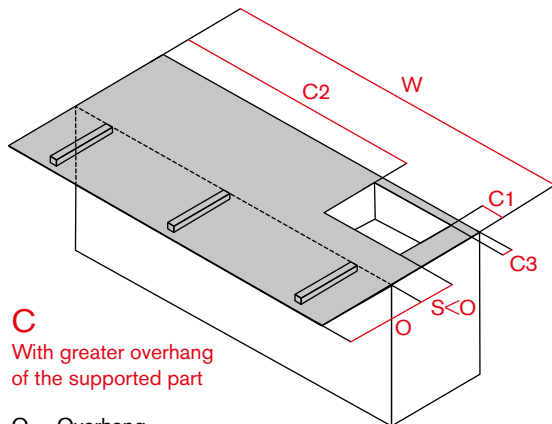


B
Whit 2 cutouts

O, O1 = Overhang

S = Supported section must be \geq O

B1, B2 \geq 600 mm (24 in)
B3, B4 \geq 100 mm (4.0 in)



C
With greater overhang
of the supported part

O = Overhang

S = Supported section $<$ O

C1 \geq 100 mm (4.0 in)
C2 \geq 600 mm (24 in)
C3 \geq 50 mm (2.0 in)



Recommended overhang measurements:

For 12 mm (0.48 in) thick slabs (with mesh backing) the maximum overhang should NOT EXCEED 250 mm (9.8 in).
For 20 mm (0.80 in) thick slabs (with mesh backing) the maximum overhang should NOT EXCEED 350 mm (13.8 in).

- In the event of overhang using slabs without mesh backing, reduce the maximum measurement above by 50%.
- In case of gluing the slab without using epoxy glue (for example with silicone, velcro or non-specific glues) do not exceed 50 mm (2.0 in) of overhang.

Cleaning & Maintenance

3.0 Warranty,

3.1 Warranty

WARRANTY CERTIFICATE

A SapienStone kitchen counter 10 year warranty will be sent by email to those people who complete the relevant activation process. It is therefore essential to complete all fields in the following registration form and attach the required documents.

Documents to be submitted:

- Copy of the invoice for your SapienStone kitchen counter which you received from the kitchen store or installer.
- Photograph of the installed kitchen counter.
- Photograph of the batch number. This can be found on the underside of the kitchen counter.



<https://www.sapienstone.com/warranty-activation>

	SAPIENSTONE	QUARTZ SURFACE	GRANITE	MARBLE	SOLID SURFACE
UV RESISTANCE	*****	**	*****	*****	*
FLEXIBILITY	*****	***	*	*	*****
HEAT RESISTANCE	*****	***	*****	*****	***
SCRATCH RESISTANCE	*****	*****	*****	*****	***
CHEMICAL RESISTANCE	*****	***	*****	*****	**

3.2 Cleaning Tips & Maintenance

ORDINARY CLEANING

For ordinary cleaning it is sufficient to use a cloth in moistened microfiber and a neutral ph liquid detergent.

AVOID the use of abrasive sponges, steel wool pads, brushes hard and detergents containing hydrofluoric acid and its derivatives. Also avoid detergents containing waxes and / or brighteners.

EXTRAORDINARY CLEANING

For persistent stains, use a soft sponge and a specific cleaning product. It is very important not to let the cleaning product evaporate on surface. After using any type of cleaning products, always exercise a good rinse.

TYPE OF STAIN	ALKALINE DETERGENT	ACID DETERGENT	SOLVENT BASED DETERGENTS
Final-site cleaning cement grout		FABER Cement Remover FILA - Deterdek Pro	
Final-site cleaning epoxy grout			FABER - Epoxy Cleaner FILA Epoxy Grout Haze Remover
Beer, Wine, Coffee, The, Coca Cola, Ketchup, Jam, Lipstick, Oil Olive and Seeds, Linseed Oil, Mustard, Mayonnaise, Ketchup, Rubber, Wax, Mechanical oils, Silicone, Bitumen, Glue, Candle wax, suction cup imprints	<ul style="list-style-type: none"> • Cif Crema • Chanteclair • Candeggina / Bleach FABER - Deep Degreaser FILA - PS 87 Pro		<ul style="list-style-type: none"> • Acetone
Cement, Plaster, Efflorescence limestone, metal residues, rust, Wall tempera.		<ul style="list-style-type: none"> • White vinegar FABER - Tile Cleaner FILA - Deterdek Pro	
Graffiti, Paints			<ul style="list-style-type: none"> • Acetone FABER - Graffiti Remover FILA - Nopain Star
Daily Cleaning	FABER - Floor Cleaner FILA - Cleaner Pro		
Periodic Maintenance		FABER - Tile Cleaner (diluito 1:10) / Diluted 1:10 FILA - Deterdek Pro	

INFORMATION TO ENSURE SAFE USE:

Before using any detergent, carefully read the warnings regarding use on the product label or consult the manufacturer's website as an example:

<https://www.filasolutions.com/>

<https://www.fabersurfacecare.shop/it/en/>

where you can consult and download safety data sheets, technical data sheets and information on the use of the products.

- It is always advisable to carry out a preliminary test on a concealed area or unused part of the large format ceramic.
- It is always good practice to remove all stains from the top promptly, especially particularly difficult stains such as coffee, red wine, juice, etc.
- On polished or natural surfaces do not use abrasive powder or paste detergents, abrasive sponges or steel scourers.
- In general, we recommend never using very strong acid or alkali cleaners.
- For dirt that is difficult to remove with a sponge or microfiber cloth, we recommend using a melamine sponge (commonly called a magic eraser).
- Our large format ceramics are resistant to thermal shock and scratching, however to maintain their appearance over time we recommend using trivets and chopping boards.



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PLATINUM
PARTNER



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