COSENTINO

Countertops design & installation

COSENTINO® KITCHENS
COUNTERTOPS. DESIGN & INSTALLATION

silestone

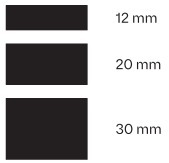
TECHNICAL CONTENT

Index

Design criteria

Available thicknesses

Silestone®, in addition to its numerous advantages (minimal maintenance, high resistance to stains and scratches, low liquid absorption rate, minimal joints, etc.), is available in a range of thicknesses that help to meet all the needs that may arise during the design of the kitchen.

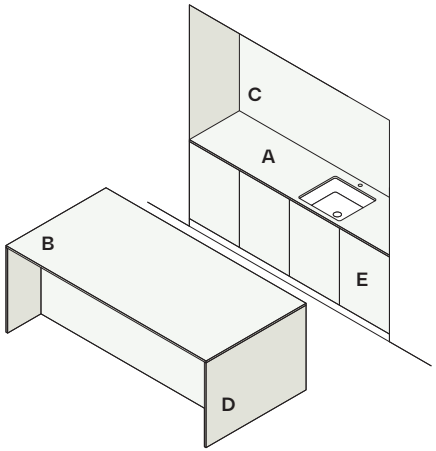


12 mm

20 mm

30 mm

The image below shows the different applications of the material in a kitchen:



A. Countertop.
B. Island.
C. Front/Trim.
D. Waterfall edge.
E. Cabinet cladding.

Recommended thicknesses depending on the application

	12 mm	20 mm	30 mm
Countertop	●	●	●
Island	●	●	●
Front/Trim(1)	●	●	●
Waterfall edge(2)	●	●	●
Cabinet cladding(3)	●	●	●

→ (●) Recommended; (●) Allowable; (●) Not recommended.

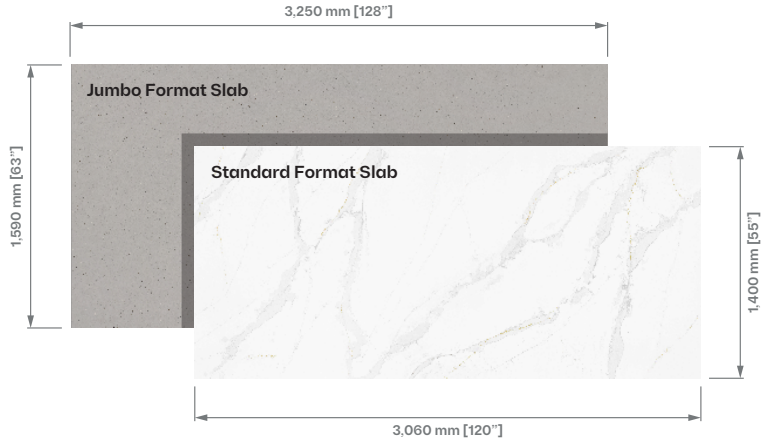
→ (1) It is considered to be a trim for a height of up to 200 mm [8"]. Beyond that, it is considered to be a front.

→ (2) See section *'Waterfall edges'* for further details.

→ (3) See the *Furniture Design & Installation Manual* for more details on this application.

Slab formats

Depending on the color, Silestone® comes in 2 different slab formats. Therefore, you should check* the original dimensions when designing with our material.



→ (*) See current portfolios or consult your local Cosentino® contact person.

Guide to correct measurement

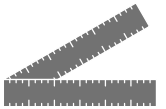
→ Fully fitted cabinets

Before taking detailed measurements, check that all cabinets are installed, properly leveled, in their final position.

→ Measuring tools

→ Tape measure.

→ Laser tape measure.



→ Angle gauge.

→ Spirit level.

→ Order form templates

Standardized templates including data such as: customer, color, edge type, special features, barcode, etc.

Random pattern

Some Silestone® products are created and designed to resemble natural stone. In nature, we can find stones of heterogeneous appearance that may include veins and areas of different tones and contrasts. The same goes for our materials, so it is very important to pay attention to the design and layout of the pieces before producing the material.

→ Color identification

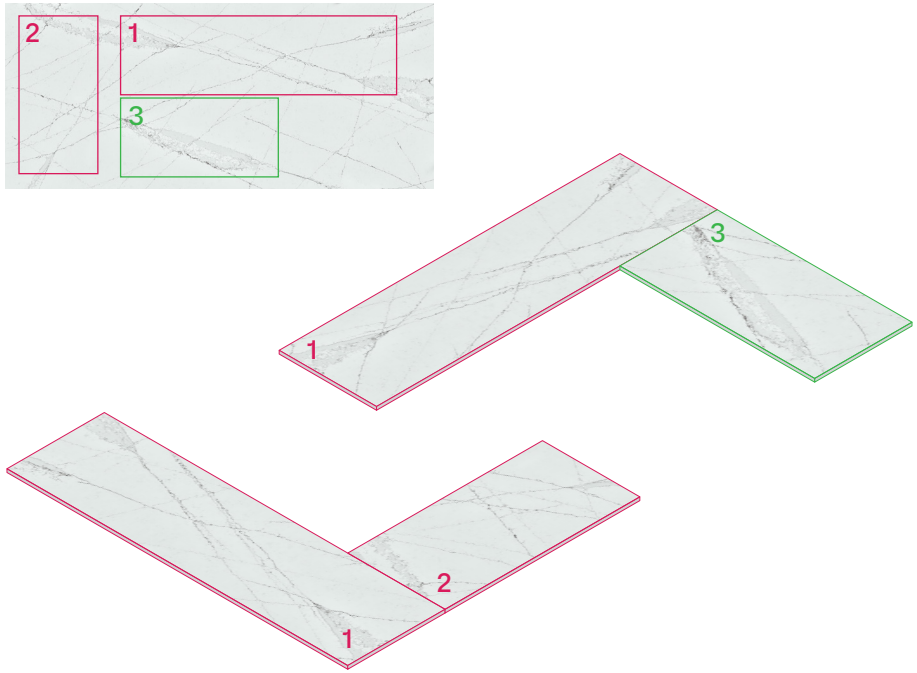
First of all, and based on all the Cosentino® technical documentation, identify the Silestone® colors with a heterogeneous background in the patterns.

→ Layout of the pieces

Before cutting the different pieces that will make up the countertop, place the slab on the cutting table, clean it and make a layout of these pieces in which the tone and/or vein pattern is clearly identified.

In this way, you can match areas with similar characteristics in the joints between pieces, either by tone or vein pattern, and thus avoid differences between pieces of the same slab or production.

Below are two examples of how a Silestone® color can be laid out with a random pattern:



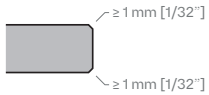
→ Layout examples | Silestone® Ethereal Haze.

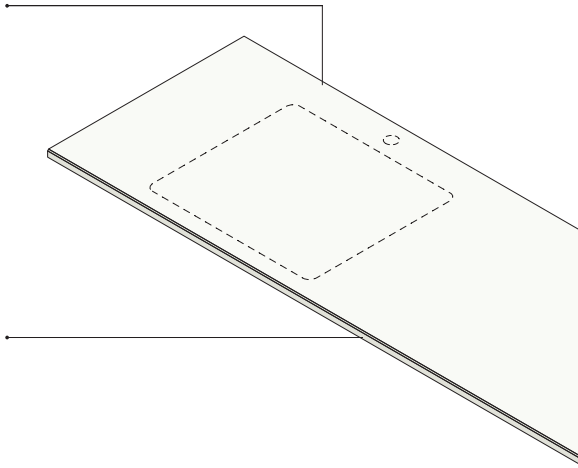
Recommended edges

Non-exposed edges
Those that go against the walls, in the joints of the countertop, etc.

No edge polishing is required. Simply smooth the edges, both top and bottom.

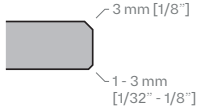
→ Unpolished flat



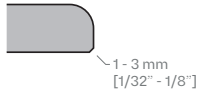


Exposed edges
To improve the impact resistance of exposed edges and to avoid the need for subsequent cutting, use one of the following types of edging on countertops or islands:

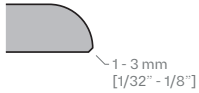
→ Polished flat



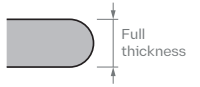
→ 1/4 round



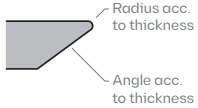
→ 1/2 round



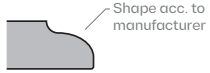
→ Round



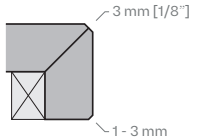
→ Knife



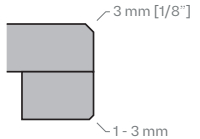
→ Ogee



→ Mitered skirt



→ Double polished flat



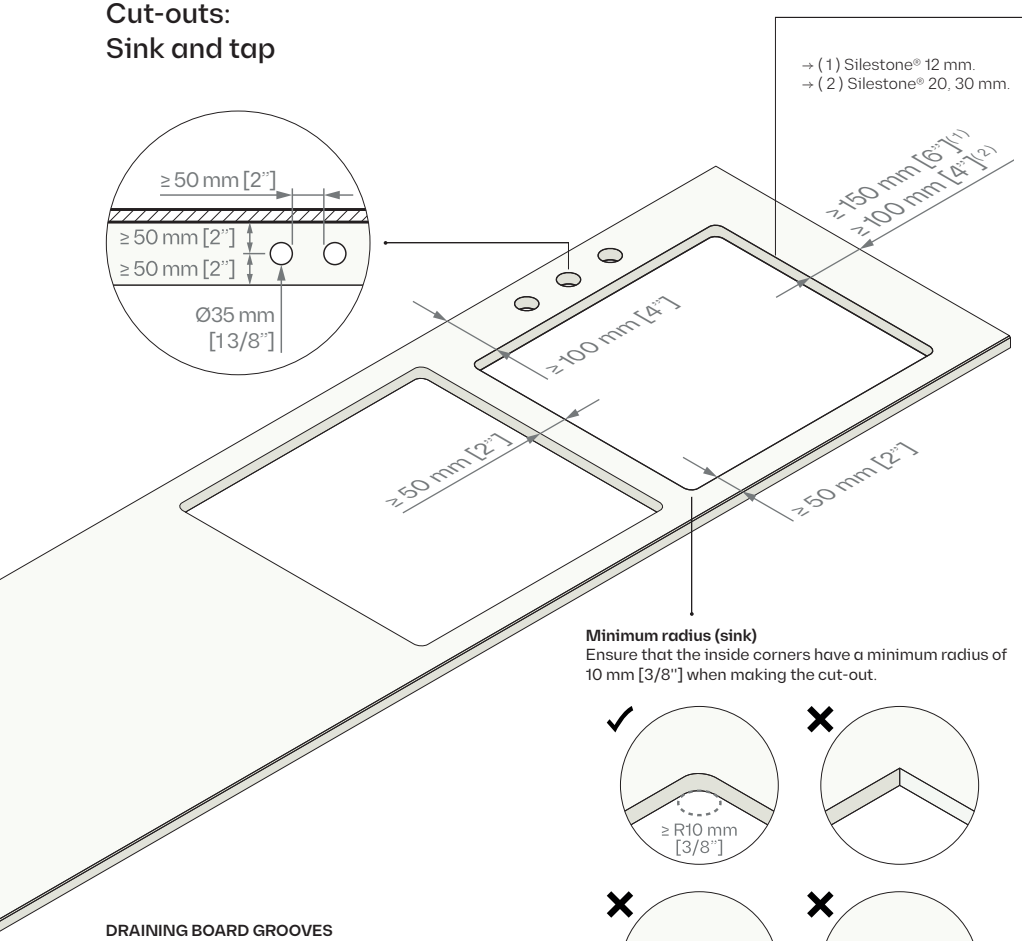
Edge recommendations according to thickness

	12 / 20 / 30 mm
Unpolished flat	●
Polished flat	●
1/4 round*	●
1/2 round	●
Round*	●
Knife	●
Ogee	●
Mitered skirt*	●
Double polished flat	●

→ (●) Recommended; (●) Allowable.

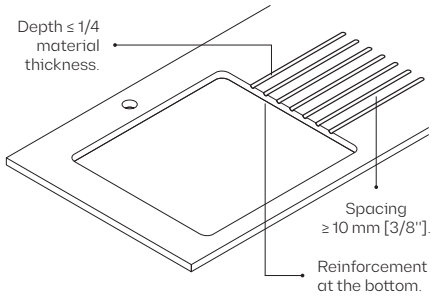
→ (*) Valid only for straight sections.

Cut-outs: Sink and tap



Minimum radius (sink)
Ensure that the inside corners have a minimum radius of 10 mm [3/8"] when making the cut-out.

DRAINING BOARD GROOVES
If the draining board is grooved, please note the following:

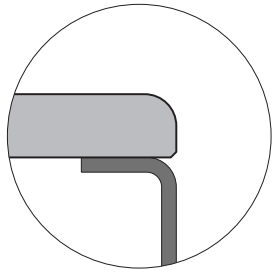


→ For any type of cut-out or drill hole, it is recommended that the top and bottom edges of the cut-outs or holes be slightly chamfered.

→ In case of overhangs on the countertop/island, please refer to the minimum distances set out in the relevant section.

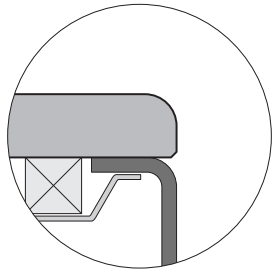
Sink types
Depending on the type of sink you choose, the following installation recommendations should be taken into account:

→ Under-mount (glued)



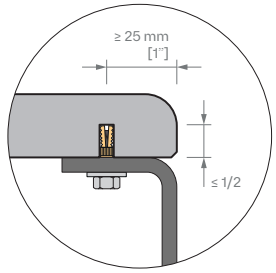
- Edge: Polished flat, rounded.
- Fixing: Recommended adhesive.
- No perimeter seal.

→ Under-mount (with plate)



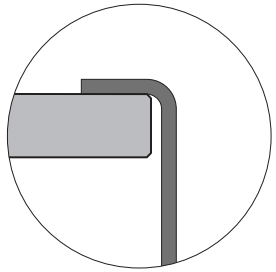
- Edge: Polished flat, rounded.
- Fixing: Glued block (Silestone® or natural stone) + plate.
- No perimeter seal.

→ Under-mount (with anchoring)



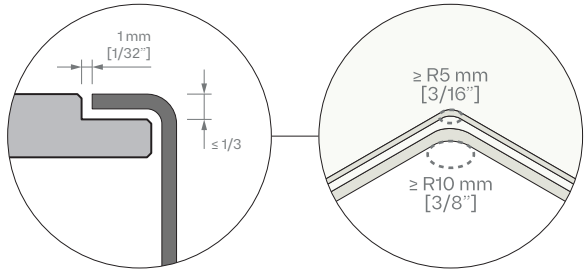
- Edge: Polished flat, rounded.
- Fixing: Anchoring insert + screw.
- No perimeter seal.

→ Top-mounted



- Edge: Unpolished flat.
- Fixing: Recommended adhesive.
- Optional perimeter seal.

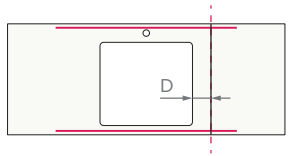
→ Flush-mounted



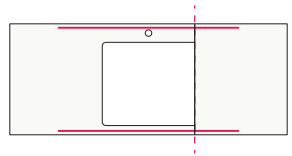
- Edge: Unpolished flat + routing.
- Fixing: Recommended adhesive.
- Perimeter seal ≥ 1 mm [1/32"].

JOINTS IN THE CUT-OUT AREA
Cosentino® does not recommend leaving joints in the cut-out area. If, for design and/or dimensional reasons, a joint must be left in the countertop around the cut-out area, the following recommendations should be observed:

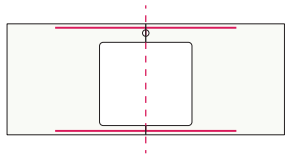
→ Outside the cut-out area



→ Tangent to the cut-out area*

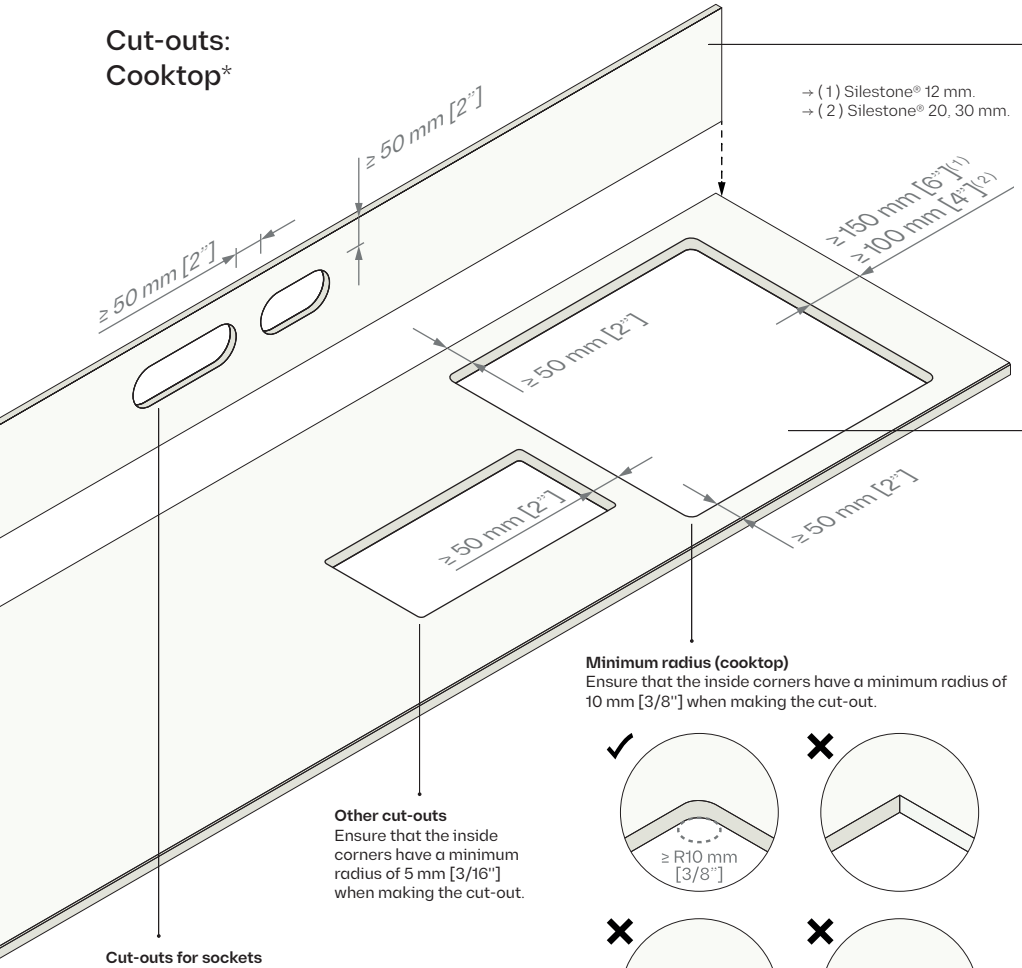


→ Inside the cut-out area



- (D) Distance from cut-out to joint:
  ≥ 150 mm [6"] | Silestone® 12 mm.
  ≥ 100 mm [4"] | Silestone® 20, 30 mm.
- (*) Only for top-mounted sinks.
- (●) Ensure continuous, seamless support in this area.

Cut-outs: Cooktop*

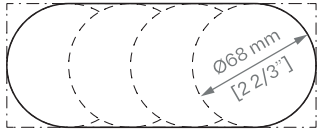


→ (1) Silestone® 12 mm.
→ (2) Silestone® 20, 30 mm.

Other cut-outs
Ensure that the inside corners have a minimum radius of 5 mm [3/16"] when making the cut-out.

Minimum radius (cooktop)
Ensure that the inside corners have a minimum radius of 10 mm [3/8"] when making the cut-out.

Cut-outs for sockets
To make the cut-outs for the sockets, drill overlapping holes until the desired dimension is reached, as shown in the image below:



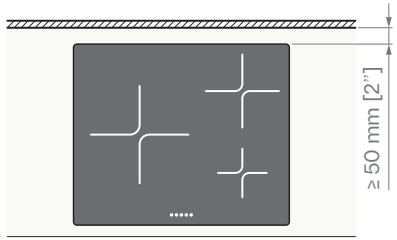
→ (*) Any type of appliance other than a gas cooktop/glass-ceramic cooktop/induction cooktop is not covered under these instructions. Please consult your sales representative.

→ For any type of cut-out or drill hole, it is recommended that the top and bottom edges of the cut-outs or holes be slightly chamfered.

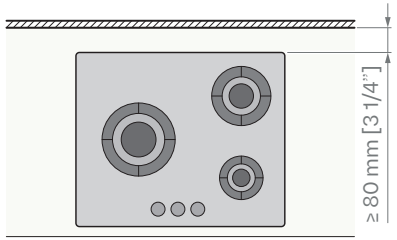
→ In case of overhangs on the countertop/island, please refer to the minimum distances set out in the relevant section.

Distance to the Silestone® front
In the case of the Silestone® front, and depending on the type of cooktop you choose, the following distances must be observed:

→ Glass-ceramic cooktop/Induction cooktop

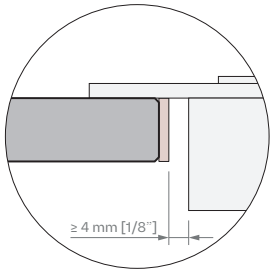


→ Gas cooktop

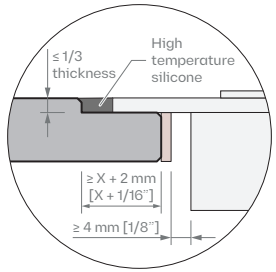


Types of installation
Depending on the type of cooktop you choose, follow the installation recommendations below:

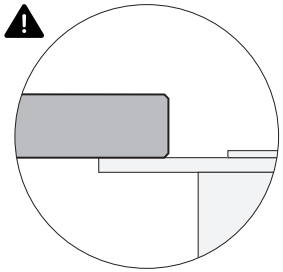
→ Top-mounted



→ Flush-mounted(1)



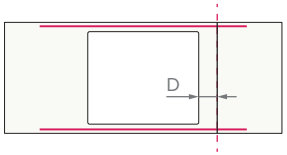
→ Under-mount(2)



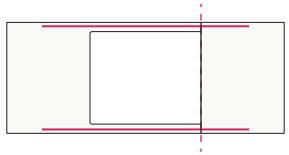
◦ (●) Heat-dissipating tape around the entire perimeter of the cut-out (MANDATORY).
◦ (X) Distance recommended by the cooktop manufacturer.
◦ (1) Minimum radius of 5 mm [3/16"] at the inside corners of the routing.
◦ (2) PROHIBITED when using gas cooktops as the flame must never be projected directly onto Silestone®.
Valid when using glass-ceramic/induction cooktop.

JOINTS IN THE CUT-OUT AREA
Cosentino® does not recommend leaving joints in the cut-out area. If, for design and/or dimensional reasons, a joint must be left in the countertop around the cut-out area, the following recommendations should be observed:

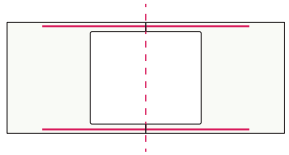
→ Outside the cut-out area



→ Tangent to the cut-out area*

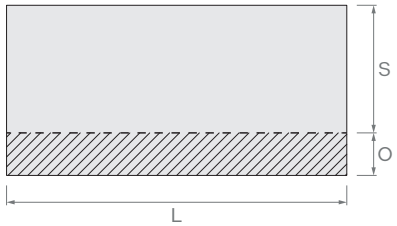


→ Inside the cut-out area



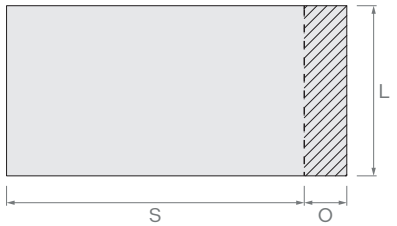
◦ (D) Distance from cut-out to joint:
≥ 150 mm [6"] | Silestone® 12 mm.
≥ 100 mm [4"] | Silestone® 20, 30 mm.
◦ (*) Only for top-mounted cooktops.
◦ (●) Ensure continuous, seamless support in this area.

Island overhangs without cut-out/drill hole



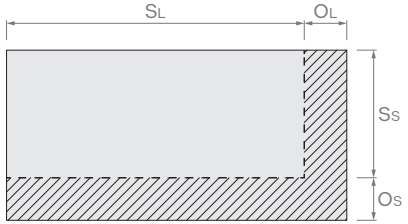
1. Long side overhang

	12 mm	20 mm	30 mm
O	≤ 200 mm [8"]	≤ 600 mm [24"]	≤ 1,000 mm [39"]
S	≥ 2 · O		
L	≥ 600 mm [24"]		



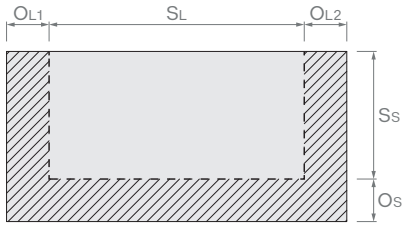
2. Short side overhang

	12 mm	20 mm	30 mm
O	≤ 200 mm [8"]	≤ 600 mm [24"]	≤ 1,000 mm [39"]
S	≥ 2 · O		
L	≥ 600 mm [24"]		



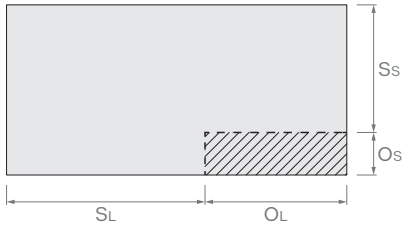
3. L-shaped overhang

	12 mm	20 mm	30 mm
O_L	≤ 200 mm [8"]	≤ 500 mm [20"]	≤ 900 mm [36"]
S_L	≥ 2 · O_L		
O_S	≤ 200 mm [8"]	≤ 500 mm [20"]	≤ 900 mm [36"]
S_S	≥ 2 · O_S		



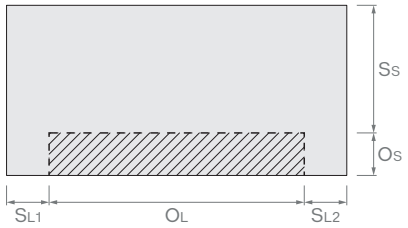
4. U-shaped overhang

	12 mm	20 mm	30 mm
$O_{L1, L2}$	≤ 200 mm [8"]	≤ 500 mm [20"]	≤ 900 mm [36"]
S_L	≥ 2 · (O_{L1} + O_{L2})		
O_S	≤ 200 mm [8"]	≤ 500 mm [20"]	≤ 900 mm [36"]
S_S	≥ 2 · O_S		



5. Partial overhang

	12 mm	20 mm	30 mm
O_L	-	≤ 1,600 mm [63"]	
S_L	-	≥ O_L	
O_S	-	≤ 500 mm [20"]	≤ 900 mm [36"]
S_S	-	≥ O_S	



6. Overhang between supports

	12 mm	20 mm	30 mm
O_L	≤ 1,000 mm [39"]	≤ 2,000 mm [79"]	≤ 3,000 mm [118"]
$S_{L1, L2}$*	≥ 100 mm [4"]	≥ 50 mm [2"]	
O_S	≥ 200 mm [8"]	≤ 800 mm [31 1/2"]	
S_S	≥ O_S		

→ (*) Below these values, it is considered to be *'1. Long side overhang'*.

→ (O) Overhang; (S) Support; (L) Overhang length; (O_L) Long side overhang; (O_S) Short side overhang; (S_L) Long side support; (S_S) Short side support.

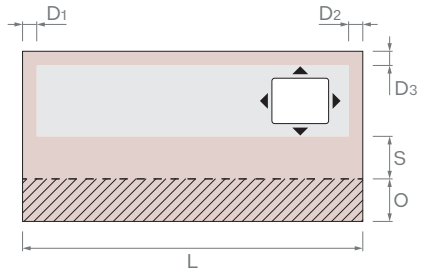
→ Maximum concentrated **static** load = 100 Kg [220 lb].

→ **Reduce by half the values of overhangs and supports for the following colors: Alpina White 08, Blanco Maple 14, Desert Silver, Sienna Ridge 12, and the Stellar series.**

Island overhangs with cut-out/drill hole

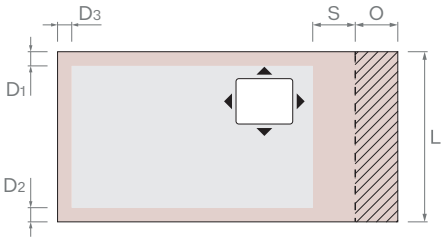
It is possible to make a cut-out/drill in this area.

Do not make cut-outs or drill holes in this area.



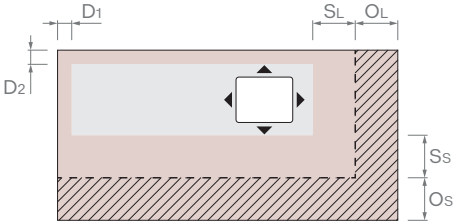
1. Long side overhang

	12 mm	20 mm	30 mm
O	≤ 200 mm [8"]	≤ 600 mm [24"]	≤ 1,000 mm [39"]
S	≥ O		
L	≥ 600 mm [24"]		
$D_{1,2}$	≥ 150 mm [6"]		
D_3	≥ 100 mm [4"]		



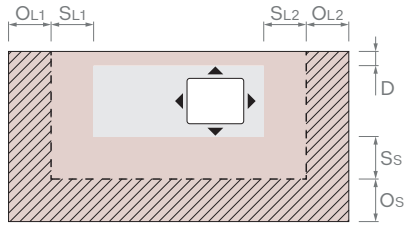
2. Short side overhang

	12 mm	20 mm	30 mm
O	≤ 200 mm [8"]	≤ 600 mm [24"]	≤ 1,000 mm [39"]
S	≥ O		
L	≥ 600 mm [24"]		
$D_{1,2}$	≥ 100 mm [4"]		
D_3	≥ 150 mm [6"]		



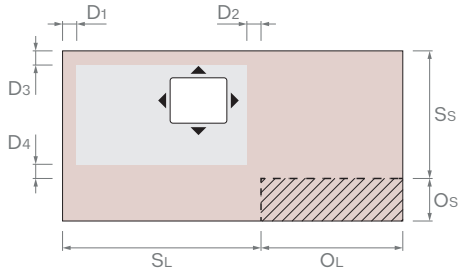
3. L-shaped overhang

	12 mm	20 mm	30 mm
$O_{L,S}$	≤ 200 mm [8"]	≤ 500 mm [20"]	≤ 900 mm [36"]
$S_{L,S}$	≥ $O_{L,S}$		
D_1	≥ 150 mm [6"]		
D_2	≥ 100 mm [4"]		



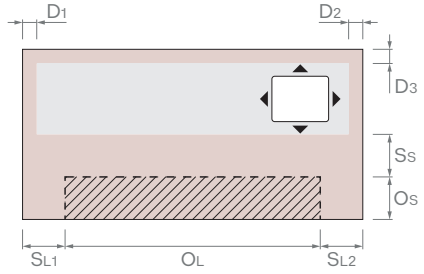
4. U-shaped overhang

	12 mm	20 mm	30 mm
$O_{L1,L2}$	≤ 200 mm [8"]	≤ 500 mm [20"]	≤ 900 mm [36"]
$S_{L1,L2}$	≥ $O_{L1,L2}$		
O_S	≤ 200 mm [8"]	≤ 500 mm [20"]	≤ 900 mm [36"]
S_S	≥ O_S		
D	≥ 100 mm [4"]		



5. Partial overhang

	12 mm	20 mm	30 mm
O_L	-	≤ 1,600 mm [63"]	
S_L	-	≥ O_L	
O_S	-	≤ 500 mm [20"]	≤ 900 mm [36"]
S_S	-	≥ O_S	
$D_{1,2,3,4}$	-	≥ 100 mm [4"]	



6. Overhang between supports

	12 mm	20 mm	30 mm
O_L	≤ 1,000 mm [79"]	≤ 2,000 mm [79"]	≤ 3,000 mm [118"]
$S_{L1,L2}$*	≥ 100 mm [4"]	≥ 50 mm [2"]	
O_S	≤ 200 mm [8"]	≤ 800 mm [31 1/2"]	
S_S	≥ O_S		
$D_{1,2}$	≥ 150 mm [6"]		
D_3	≥ 100 mm [4"]		

→ (*) Below these values, it is considered to be *'1. Long side overhang'*.

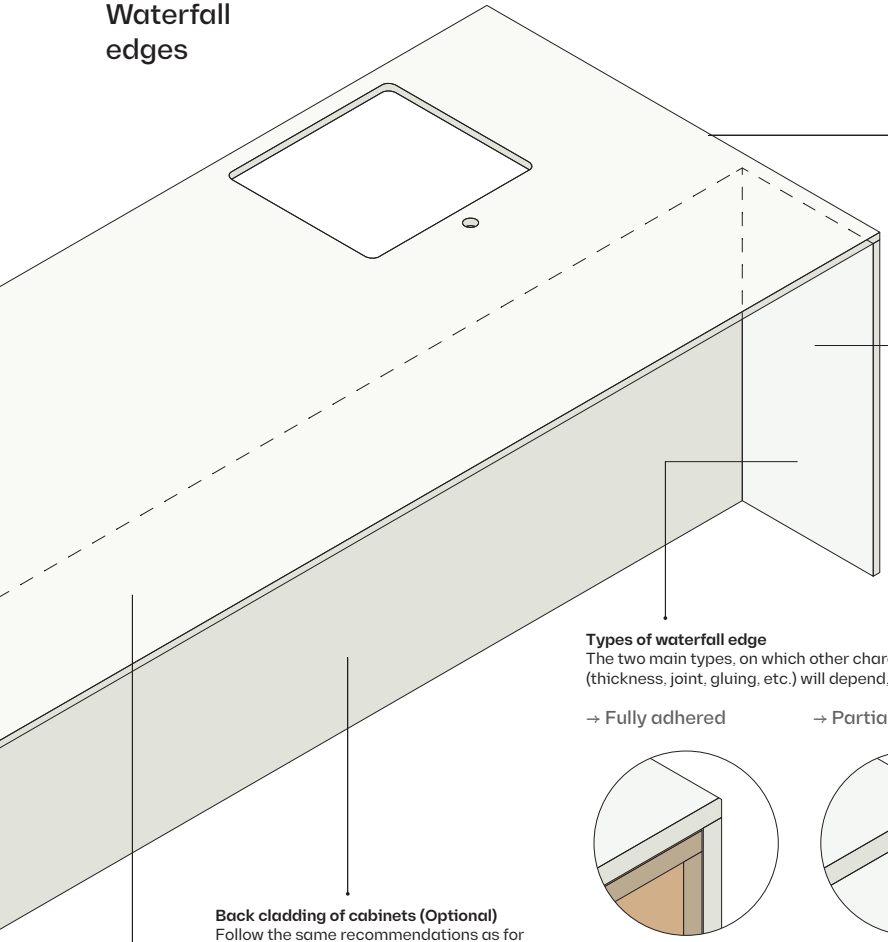
→ (O) Overhang; (S) Support; (L) Overhang length; (O_L) Long side overhang; (O_S) Short side overhang; (S_L) Long side support; (S_S) Short side support; (D_1), (D_2), (D_3), (D_4) Distance from cut-out to joint.

→ Maximum concentrated **static** load = 100 Kg [220 lb].

→ Reduce by half the values of overhangs and supports for the following colors: Alpina White 08, Blanco Maple 14, Desert Silver, Sienna Ridge 12, and the Stellar series.

→ If more than one cut-out/drill hole is made, the minimum distance between them shall be 100 mm [4"].

Waterfall edges



Back cladding of cabinets (Optional)
Follow the same recommendations as for the waterfall edges: thicknesses, joints, gluing, etc.

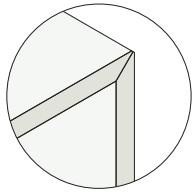
Waterfall edge + Overhang
When requiring the use of waterfall edges in combination with island overhangs, the maximum dimensions of both elements would be:

1. Waterfall edges with partial overhang:
   - 12 mm thickness: ≤ 250 mm [10"].
   - 20 and 30 mm thickness: ≤ 500 mm [20"].
2. Fully attached waterfall edges (cabinet cladding): Dimensions set out in the section *'Island overhangs'*.

Types of waterfall edge
The two main types, on which other characteristics (thickness, joint, gluing, etc.) will depend, are:

→ Fully adhered

→ Partially overhung

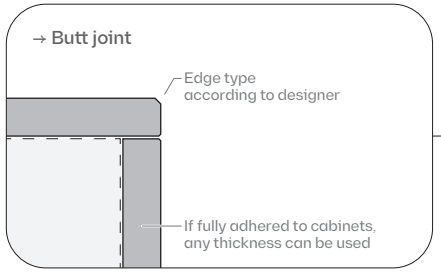


Recommended thicknesses

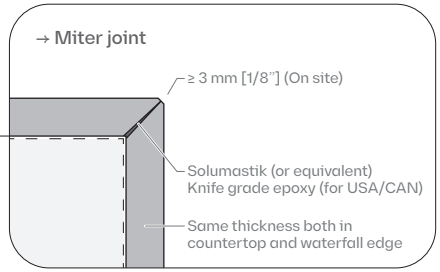
	Fully adhered to cabinets	Partially overhung
12 mm	●	●
20 mm	●	●
30 mm	●	●

→ (●) Recommended; (●) Allowable.

→ Butt joint

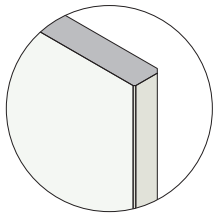


→ Miter joint



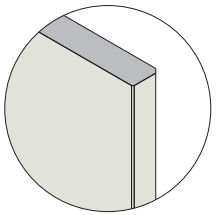
Interior finish of the waterfall edge
In the case of waterfall edges where the back face of Silestone® is exposed, and depending on the required design and the characteristics of the waterfall edge, there are four ways to achieve a better look for that area:

→ Silestone® slabs with double-sided finish



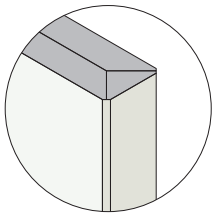
- Finish: Same/similar to the front side. Please refer to Silestone® ColorList for availability and limitations.
- Elaboration: The slab already comes with both sides finished from factory.
- Valid only for partially overhung waterfall edges.

→ Back side sanding of the waterfall edge



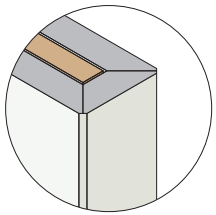
- Finish: Polished/Suede, NEVER similar to the front side of the waterfall edge.
- Elaboration: By a sanding sequence acc. to finish (Polished/Suede).
- Valid only for partially overhung waterfall edges.

→ Silestone® return



- Finish: Same to the front face of the waterfall edge.
- Elaboration: By gluing mitered pieces together.
- Valid only for partially overhung waterfall edges.

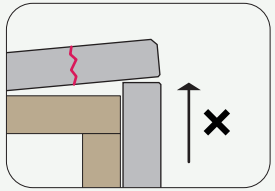
→ Silestone® return (over cabinet)



- Finish: Same to the front face of the waterfall edge.
- Elaboration: By gluing mitered pieces to the cabinet structure.
- Valid only for fully adhered to cabinets waterfall edges.

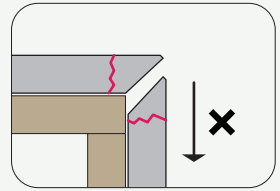
→ For this application, Silestone® will NOT have a structural function, but will be used as a cladding for the cabinets, which will withstand the stresses.

→ When using more than one slab or a different thickness than the countertop, take into account both the pattern and the tone when designing and elaborating.



→ The waterfall edge MUST NOT raise the countertop from the cabinet.

The countertop must always rest on the cabinet structure.



→ If the waterfall edge is pulled down, the joint with the countertop will break and open.

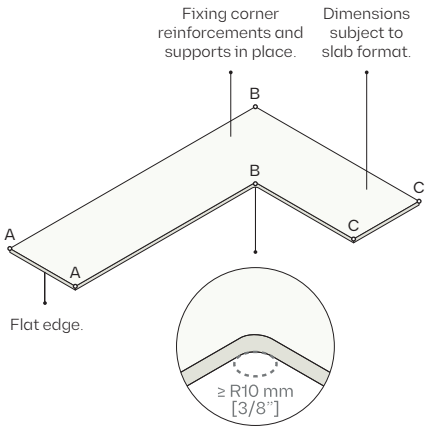
To avoid this, the waterfall edge must be perfectly glued.

Other considerations

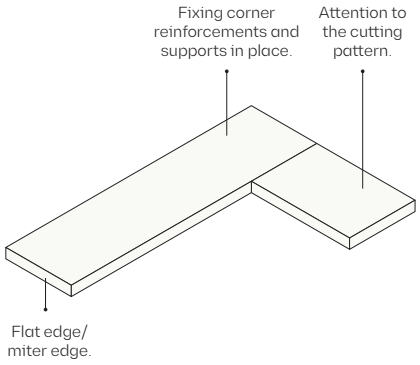
→ L-shaped countertop

For this type of countertop, make sure that the support points (A, B, C) are at the same height. In the event of slight variations in height, a support base should be placed on the ribs of the unit by means of continuous 5 mm [3/16"] neoprene or elastomer strips.

For one-piece L-shaped countertops:

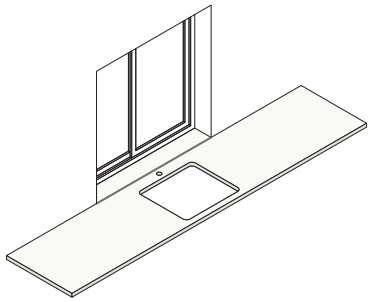


For multi-piece L-shaped countertops:



→ Window sill

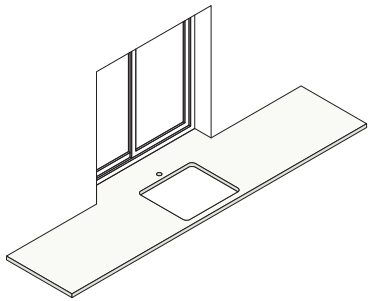
At this meeting point where a continuous, through support cannot be ensured, leave a joint gap between the countertop and the sill piece (best solution) and fill it with silicone of the same color as the countertop.



→ Resolution WITH joint.

Alternatively, should having a seam not be the desired option, the following must apply:

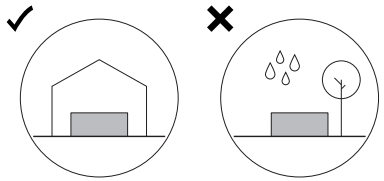
- The support must be continuous, through and of the same material (e.g. wood) below both the countertop and the sill piece.
- Leave a perimeter gap ≥ 3 mm [1/8"] and fill with silicone.
- Make appropriate radius (≥ R10mm [3/8"]) at all internal corners.
- Valid for 12, 20 and 30 mm thickness.



→ Resolution WITHOUT joint.

→ Indoor use of Silestone® only

Silestone® is only recommended for indoor use, for any of its applications: countertops, furniture, flooring, etc. Under no circumstances should this material be installed for outdoor countertops.



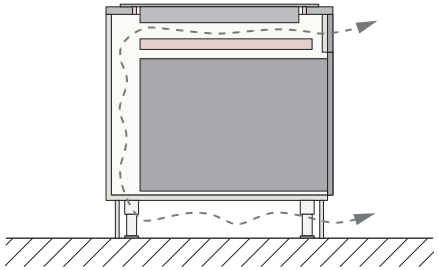
→ Indoor use. → Outdoor use.

→ Appliances: cooktops, ovens, dishwashers, etc.

A. COOKTOPS: Install a heat-dissipating insulating tape around the entire perimeter of the cut-out.

B. OVEN/DISHWASHER: Install insulation between the appliance and the countertop to prevent heat transmission by conduction and convection. Optionally, include insulation with a metallic finish to prevent heat transmitted by radiation.

C. VENTILATION: Sufficient space should be left under the countertop, and necessary elements (e.g. grilles) should be placed to allow for adequate ventilation.



Installation criteria

On-site adjustments

Ideally, the entire process should be carried out in the workshop, with the appropriate machinery, after a thorough measurement at the installation site.

However, minor adjustments can be made on site, both to the countertop and the cladding, following specific recommendations.

→ Straight cut with disc and water supply

This type of cutting can be made on site, for any thickness, subject to the following requirements:

- Use cutting tools recommended by Cosentino®.
- Always cut with water supply.
- Sharpen the tool regularly.

After cutting, use a polishing block to remove sharpened edges.

→ Drill holes

The holes can be drilled on site, e.g. to make cut-outs for sockets (overlapping holes Ø68 mm [2 2/3"]).

Drill the holes on a flat surface of lower density than Silestone® (e.g. wood) to avoid any chipping.

It is recommended that larger drill holes and cut-outs are made in the workshop.

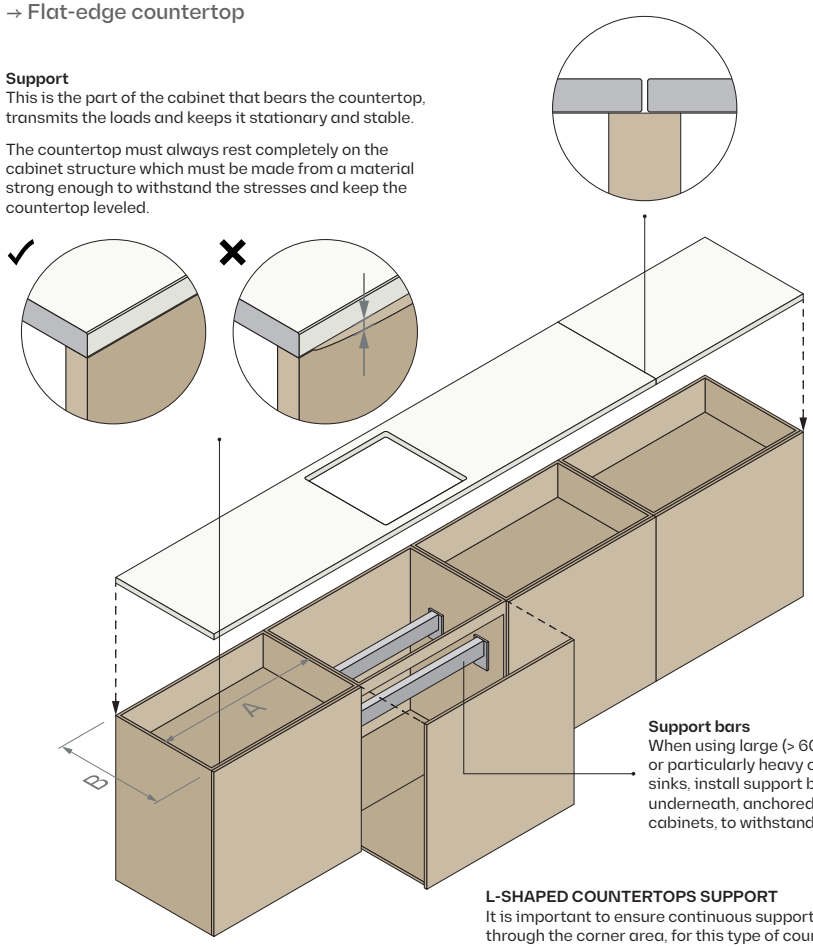
Supports and reinforcements

→ Flat-edge countertop

Support
This is the part of the cabinet that bears the countertop, transmits the loads and keeps it stationary and stable.

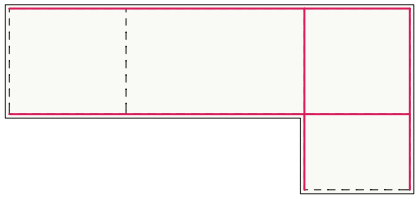
The countertop must always rest completely on the cabinet structure which must be made from a material strong enough to withstand the stresses and keep the countertop leveled.

Support between joints
If possible, when a joint is to be left in the countertop, it should be placed just above a cabinet support.



Support bars
When using large (> 600 mm [24"]) or particularly heavy cooktops/ sinks, install support bars directly underneath, anchored to the cabinets, to withstand the stresses.

L-SHAPED COUNTERTOPS SUPPORT
It is important to ensure continuous support, passing through the corner area, for this type of countertops, especially when they are resolved in one piece.



Distance between two supports

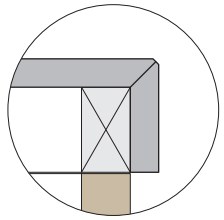
	12 mm	20 / 30 mm
A	≤ 900 mm [36"]	≤ 1,200 mm [48"]
B	≤ 700 mm [27 1/2"]	

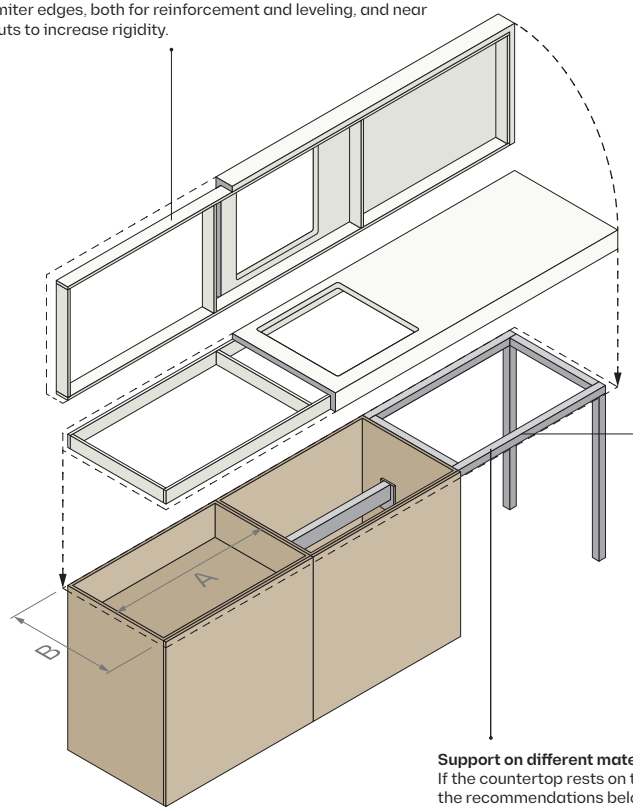
→ Countertop with miter edge (skirt)

Reinforcement
It is the complementary part that makes a vulnerable area stronger and more resistant (e.g. in cut-outs and miter skirts).

It should be made from Silestone® or a material with similar physical properties (e.g. natural stone). Furthermore, it should be glued in such a way that the countertop plus the reinforcement work as a whole.

Reinforcements must be placed in line with the load-bearing structure on which the cabinets are mounted. They are required on countertops with miter edges, both for reinforcement and leveling, and near cut-outs to increase rigidity.





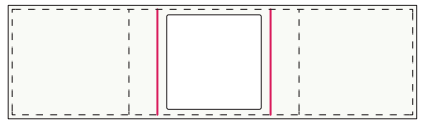
Metal structure
It must be sufficiently sturdy and stable to ensure continuous support of the countertop.

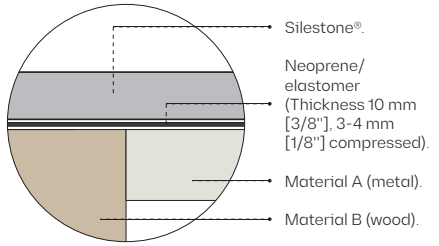
The support of the countertop on the metal structure should be ≥ 100 mm [4"].

The attachment to the other units (wood) shall always be done by mechanical fixing.

Support on different materials
If the countertop rests on two different materials, follow the recommendations below:

REINFORCEMENTS IN CUT-OUTS
Reinforce the surrounding area when the cut-out has large dimensions and/or when it is placed on countertops with a 12 mm thickness and/or with skirt.





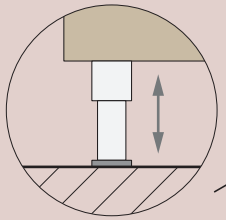
Installation process and recommendations

1. Before starting
Protect anything that could be stained or damaged, and make sure that the support area is clean and free of objects.

2. Dimensions
Check the dimensions of the cabinets and of the cut pieces of the countertop, as well as the dimensions of the cladding/trim.

3. Supports and reinforcements
Check that the distances and recommendations set out for the chosen Silestone® thickness are observed.

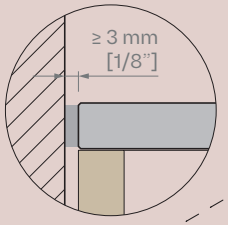
4. Cabinets
Check that the cabinets are correctly leveled. If not, adjust the level accordingly, depending on the type of cabinet chosen.



5. Top flatness
Check that the cabinet top is completely leveled, as the countertop must fully rest on the cabinet structure.

6. Adhesive
Apply the recommended adhesive to the top edges of cabinets or reinforcements, taking care not to stain the rest of the unit.

7. Placement
Place the countertop pieces on the cabinets once they have been leveled and adjust their position. Leave a perimeter joint of at least 3 mm [1/8"] in all areas of contact with the vertical wall, and fill the visible areas with silicone. Check that the countertop is fully supported with a gauge.



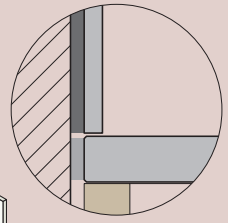
8. Joints between pieces
Minimize the size of joints between pieces by using leveling suction cups and the recommended adhesive (Solumastik or a silicone in the same color as the countertop). Use masking tape to protect the surface.

OVEN/DISHWASHER INSTALLATION
Place an insulating panel between the appliance and the countertop, and ensure adequate ventilation inside the cabinet.

9. Sockets
It is recommended to make the cut-outs for the sockets before installing the front piece.

10. Front/Trim*
a. Put the front in place and adjust if necessary.
b. Apply the recommended adhesive/mastic which ensures a rigid fixation, and glue the piece to the substrate which will support the entire load of the front.

→ (*) For gluing of fronts, follow the recommendations of the *Silestone® Interior Wall Cladding Quick Guide*. For gluing of trims, simply apply silicone beads.



11. Perimeter seal
Apply the recommended silicone (or grout) to all necessary joints according to the manufacturer's instructions.

12. Final cleaning
It is important to carry out a final site cleaning as soon as possible to remove any residue from the installation process.

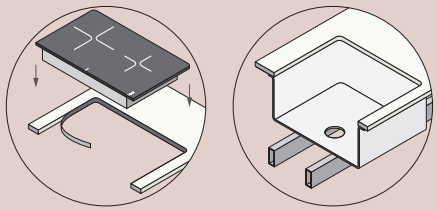
Use Clean-Colorsil, isopropyl alcohol, or ethanol (NEVER use solvents or acetone). Use microfiber cloths or paper (NEVER use scouring pads).

COOKTOP AND SINK INSTALLATION
COOKTOP: The installation should be carried out according to the type of cooktop chosen. The distances to the cladding should be observed. If this is not possible, this area should not be clad in Silestone® but in another material (e.g. steel).

SINK: The installation should be carried out according to the type of sink chosen.

IMPORTANT: Always install the cooktop with a heat-dissipating insulating tape around the entire perimeter of the cut-out.

When placing large (> 600 mm [24"]) or particularly heavy cooktops/sinks, install support bars directly underneath, anchored to the cabinets, to withstand the stresses.



WATERFALL EDGES (OPTIONAL)
Install the waterfall edge by gluing it to the cabinet according to the type of joint chosen (butt/miter) and using adhesives/mastics that ensure a rigid fixation, so that the waterfall edge does NOT have a structural function.

→ Always use tools and adhesives recommended by Cosentino®.

→ Follow the appliance manufacturer's installation recommendations for proper ventilation under the countertop.

→ Failure to properly follow the instructions in this *Manual* may result in material breakage.

Health & safety

Operators and fitters dealing with Silestone® materials, must comply with all applicable occupational health and safety laws and regulations.

Always take the necessary occupational safety measures to meet the requirements of local regulations. This *Guide* is not an exhaustive document or a substitute for the relevant laws and regulations, and is provided for information purposes only.

Safety measures will depend on the specific conditions of each job.

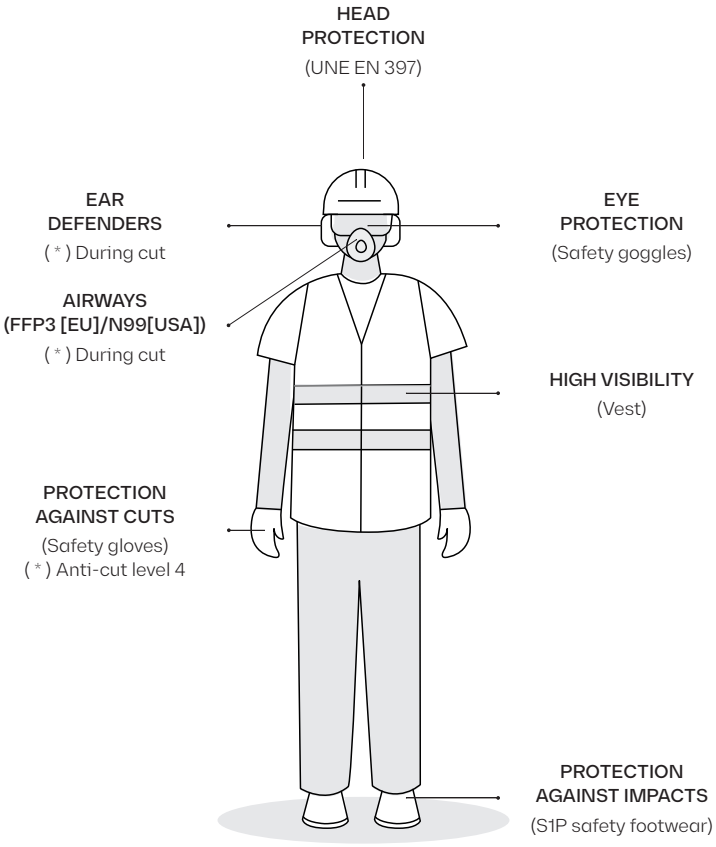
Risks associated with handling and transport

During transport and handling of Silestone®, risks such as bumps, cuts, musculoskeletal disorders, entrapment or blast injuries can occur due to incorrect handling.

Risks associated with manufacturing and transformation

The manufacturing process can involve risks such as cuts, blast injuries, entrapment, exposure to high noise levels and exposure to chemicals such as free crystalline silica dust.

Before processing the product, consult the Silestone® Safety Data Sheet and the *Good Practice Guidelines* available upon request from Cosentino® or on the website *osh.cosentino.com*.



COSENTINO®

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→ These certificates apply to Dekton® and Silestone®

→ Find information on NSF-certified colors at www.nsf.org

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