



SENSA
by COSENTINO®

Sensa by Cosentino®

SENSA COUNTERTOPS DESIGN AND INSTALLATION GUIDE

GRANITES AND QUARTZITES





The purpose of this manual is to provide a general guide for the design of a countertop from the Sensa® protected natural stone collection.

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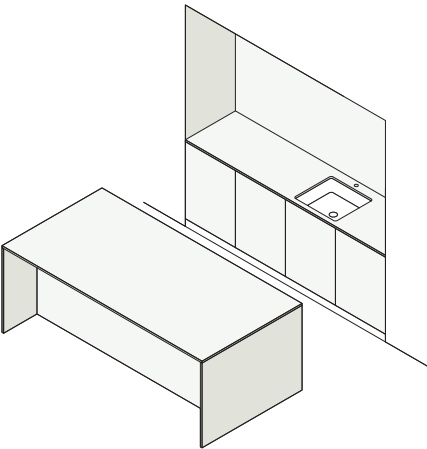
Design criteria

Available thicknesses

Sensa®, in addition to having an unrivalled aesthetic and an exclusive choice with unique granite and quartzite designs, also has exclusive anti-stain protection to enjoy spaces that are as aesthetic as they are functional.



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

| | 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.

Slabs Format

In short, since it is a natural product, the size of the board may vary from one block to another, so there is no fixed size, but we do guarantee a minimum size of 280x180 cm.



→ (*) Consult current portfolios or the nearest 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.

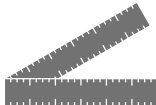
→ Measuring tools



→ 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.

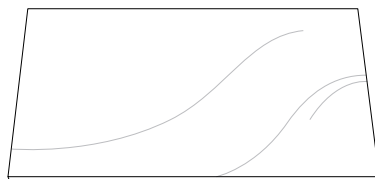
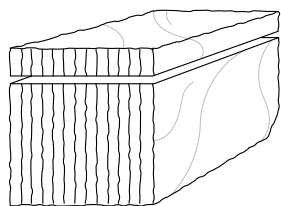
GRANITES AND QUARTZITES

Quartzite is a very hard metamorphic rock, originated through a natural transformation process of sandstone subjected to high temperatures and pressures.

This natural process gives quartzite unique designs of great beauty, extraordinary hardness and a durable composition, making it an exceptional material for kitchen countertops.

Cosentino selects under strict criteria of aesthetic excellence the natural blocks that are transformed into slabs for subsequent use in various applications, such as kitchen countertops or flooring.

This transformation includes the cutting, resining, polishing and treatment of the different slabs, to achieve designs with all the SENSÀ® guarantees.



The elaboration of quartzite requires knowledge of the product, its natural characteristics and design possibilities. For this purpose, it is recommended to check that the design complies with the indications defined in this manual and to follow the processing instructions defined in the Sensa® Premium Technical Guide.



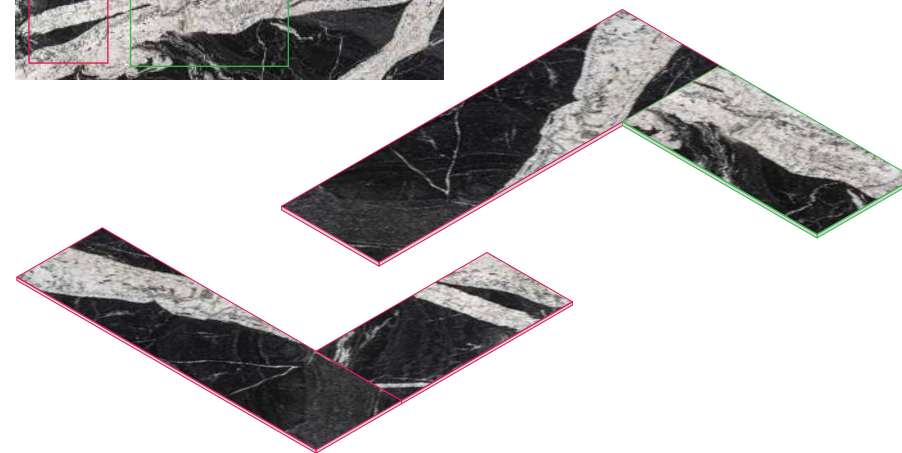
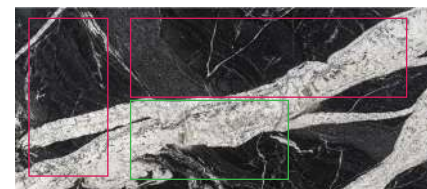
RANDOM PATTERN

Layout of the pieces

In sensa®, all slabs have a random pattern to a greater or lesser degree. Considering that we are talking about natural stone, it must be taken into account that a material from the same block has its own vein pattern, and this pattern can change even from one slab to another from the same block.

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 SENSÀ® color can be laid out with a random pattern:

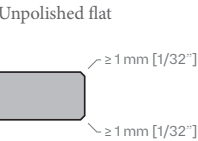


→ Layout examples | Sensa® Nahori.

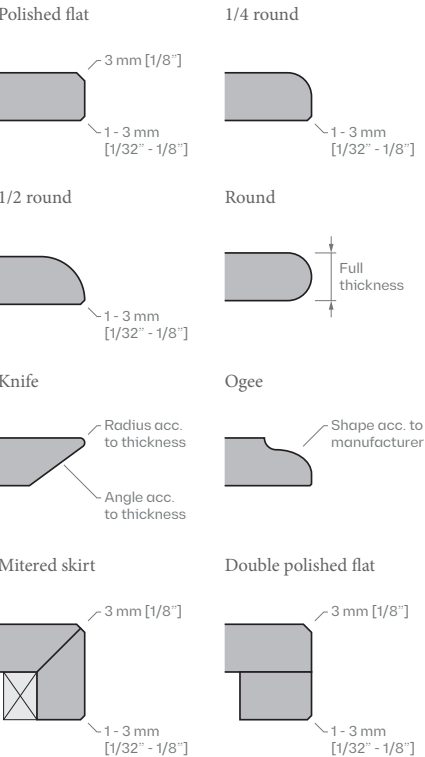
Recommended edges

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.



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:

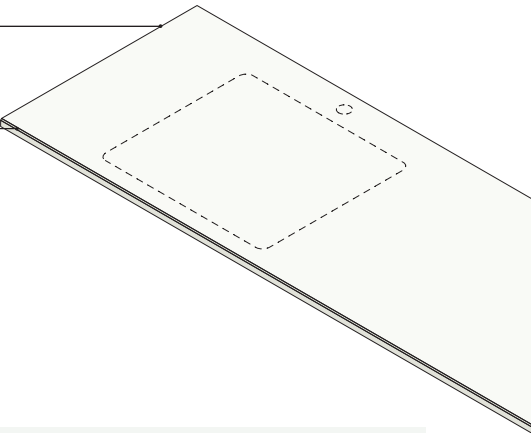


Cracks and microcracks

When processing this material, it is necessary to take into account the natural cracks and microcracks that the material presents, especially in quartzites.

The edges resulting from the cut pieces may present open cracks without resin or chips.

These open cracks or chips must be resined with transparent resin before polishing. Subsequently, the edges (both polished and unpolished) will be protected with Senguard following the Sensa Premium Technical Guide.



| 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.

Prerequisites

In general, once all the pieces have been cut and before processing them, you must ensure that they are completely dry, otherwise moisture problems could arise in the finished countertop. In addition, a series of recommendations must be followed to avoid moisture problems, especially on the edges:

Sealing edges with Senguard

Always, on all materials in the Sensa collection, Senguard must be applied to all exposed edges, since all edges resulting from cut pieces are not sealed, so the processing water penetrates the material, moistening the nearby area.

Before applying Senguard to all exposed edges and once we have ensured that the cut piece is completely dry, it is recommended to dry all edges again with an industrial dryer, prior to applying Senguard edge protector. Subsequently, the edges will be protected with Senguard following the Sensa Premium technical guide.

Color enhancers on edges

There are some materials that have color enhancers applied to their surface to improve their aesthetics, so when we have the pieces cut, a different tone will be seen between the edges and the surface.

To match the tone of the edges with that of the surface, one of the recommended products listed in the Sensa Premium technical guide should be applied and then the Senguard treatment applied.

The material affected by this peculiarity is Nahoia.



Tinted veins on surface

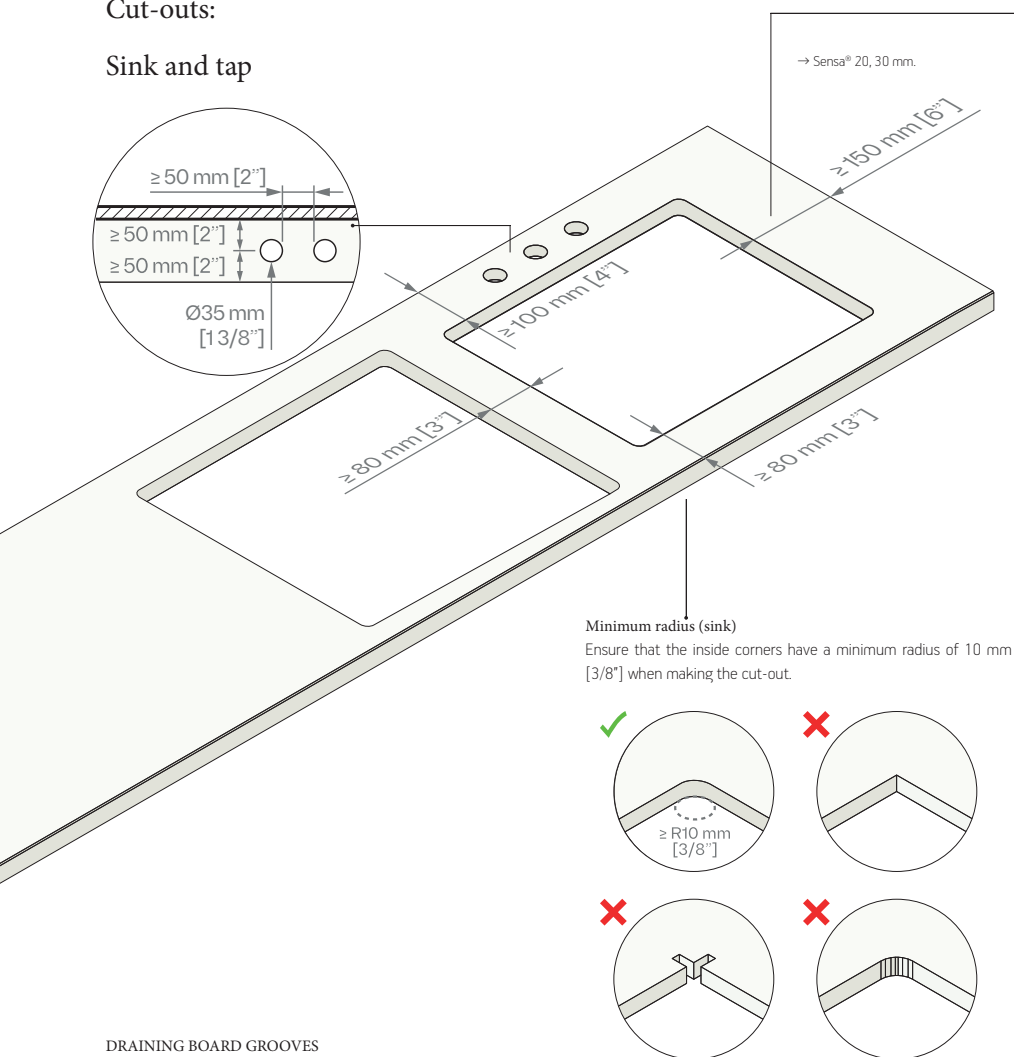
In the specific case of the Orinoco material, some of its white veins are tinted orange during the process of making the board, so when we have the pieces cut, we will notice that the "orange" grain does not continue on the edge.

To ensure that the orange surface grain continues its aesthetic on the edge, a dye must be applied manually following the recommendations and instructions included in the Sensa premium technical guide and then, the senguard treatment must be applied.

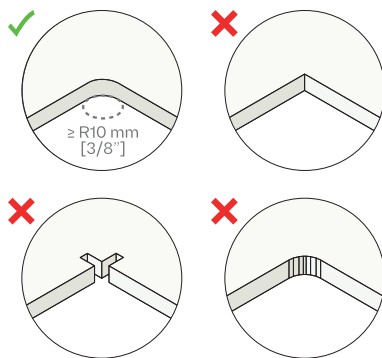


Cut-outs:

Sink and tap

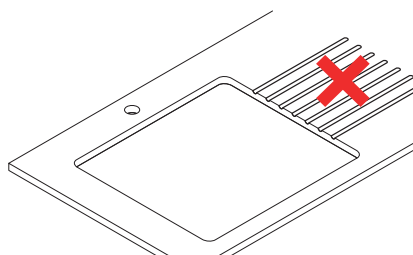


Minimum radius (sink)
Ensure that the inside corners have a minimum radius of 10 mm [3/8\"] when making the cut-out.



DRAINING BOARD GROOVES

It is not permitted to make grooves on the Sensa® worktop for use as a drainer.

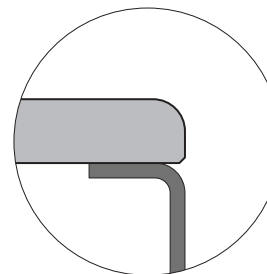


→ It is recommended that, for any type of recess or drill, both the upper and lower edges of the same bevel slightly.
→ If there are overhangs on the countertop/island, consult the minimum distances established in the corresponding section.

Sink types

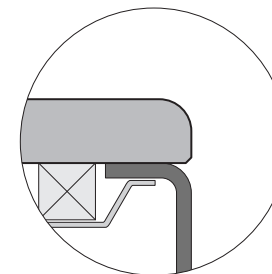
Depending on the type of sink you choose, the following installation recommendations should be taken into account:

→ Under-mount (glued)



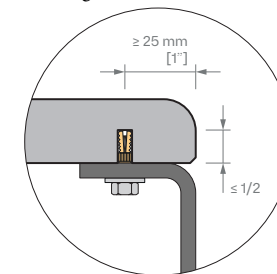
- Edge: Polished flat, rounded.
- Fixing: Recommended adhesive.
- No perimeter seal.

→ Under-mount (with plate)



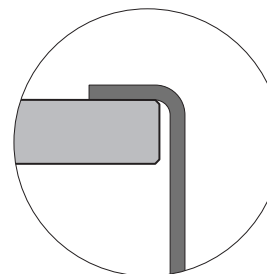
- Edge: Polished flat, rounded.
- Fixing: Glued block (SENSA® or natural stone) + plate.
- No perimeter seal.

→ Under-mount (with anchoring)



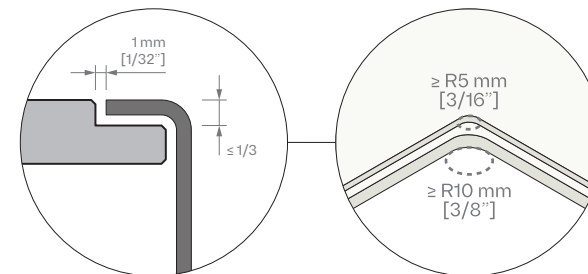
- Edge: Polished flat, rounded.
- Fixing: Anchoring insert + screw.
- No perimeter seal.

→ Top-mounted



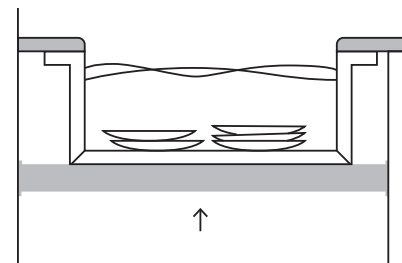
- Edge: Unpolished flat.
- Fixing: Recommended adhesive.
- Optional perimeter seal.

→ Flush-mounted



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

→ Undermount (Sensa® sink)



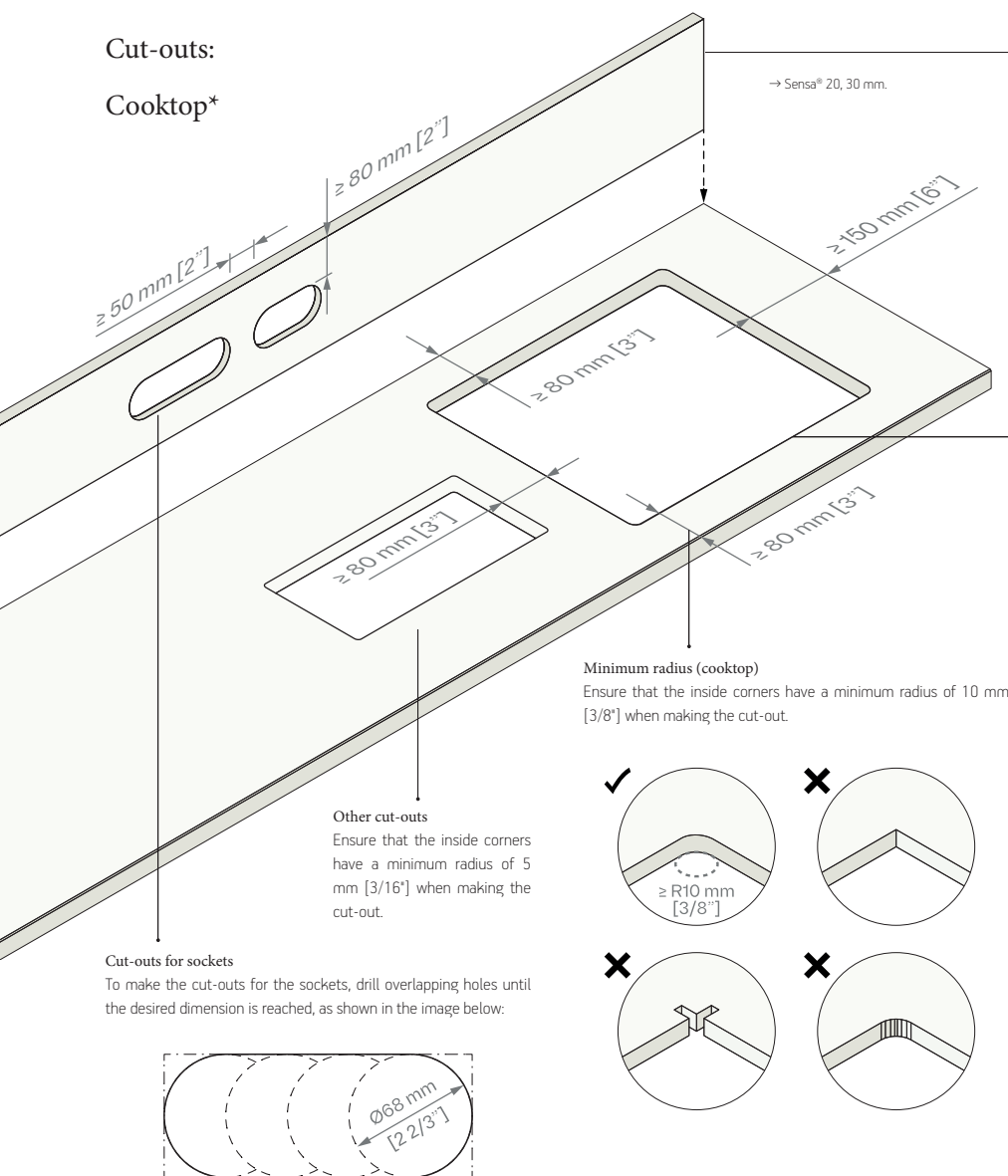
For the installation of sinks, especially those that are considered heavy due to their size or composition, it is recommended to install external supports such as straps or bars screwed to the furniture.



→ The warranty does not cover sinks made of pieces with Sensa® material.

Cut-outs:

Cooktop*



→ (*) 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.



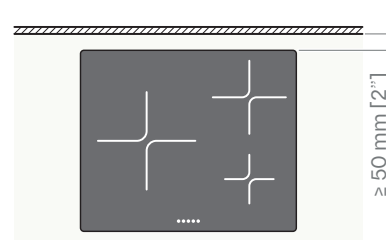
→ For any type of cut-out or drill hole, it is recommended that the top and bottom edges of the cut-outs or holes be slightly chamfered.
→ In case of overhangs on the countertop/island, please refer to the minimum distances set out in the relevant section.

SENSA® COUNTERTOPS | DESIGN & INSTALLATION

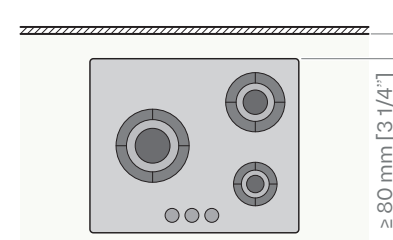
Distance to the SENSa® front

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

→ Glass-ceramic cooktop/Induction cooktop



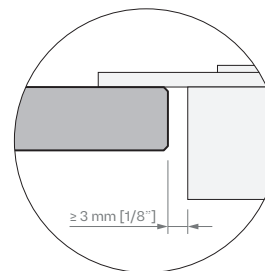
→ Gas cooktop



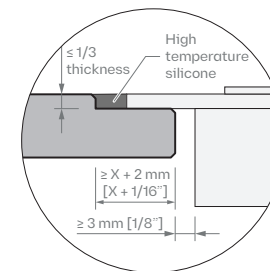
Types of installation

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

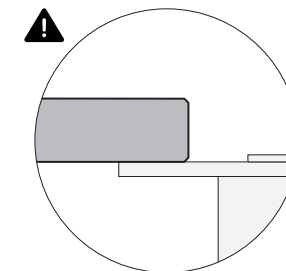
→ Top-mounted



→ Flush-mounted(1)



→ Under-mount(2)



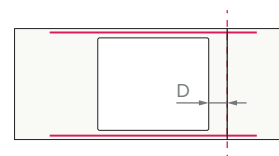
- (X) Distance recommended by the cooktop manufacturer.
- (1) Minimum radius of 5 mm [3/16"] at the inside corners of the routing.

- (2) PROHIBITED when using gas cooktops as the flame must never be projected directly onto SENSa®. Valid when using glass-ceramic/induction cooktop.

JOINTS IN THE CUT-OUT AREA

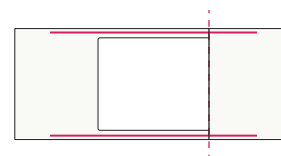
Cosentino® does not recommend leaving joints in the cut-out area. If, for design and/or dimensional reasons, a joint must be left in the countertop around the cut-out area, the following recommendations should be observed:

→ Outside the cut-out area



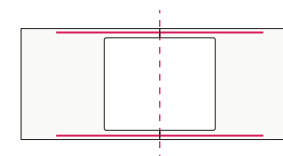
- (D) Distance from cut-out to joint:
≥ 150 mm [6"] | Sensa® 20, 30 mm.

→ Tangent to the cut-out area*



- (*) Only for top-mounted cooktops.

→ Inside the cut-out area



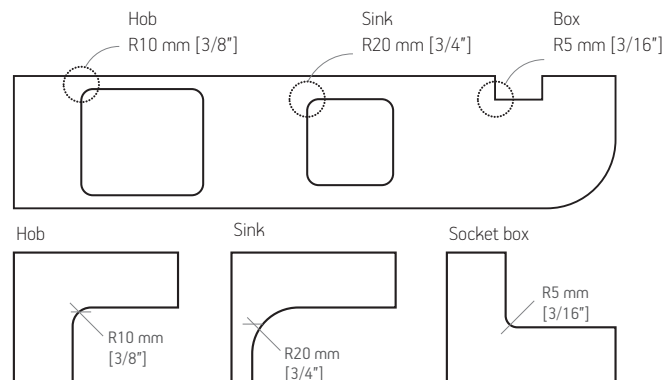
- (●) Ensure continuous, seamless support in this area.

Minimum radius

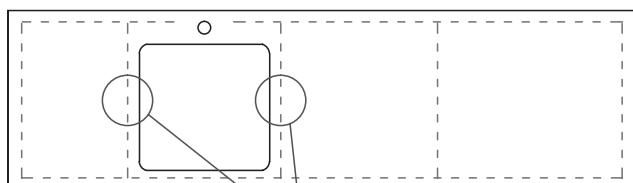
It is mandatory that any inside corner must be rounded.

For recesses intended for sinks or hobs, larger radii are recommended.

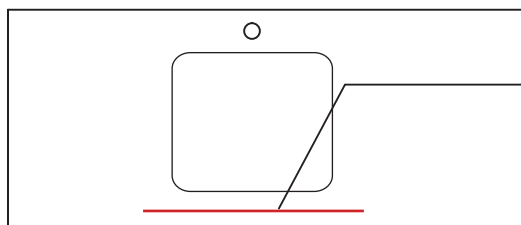
Minimum radius of 5 mm [3/16"] mandatory for all inside corners.



Support Bars

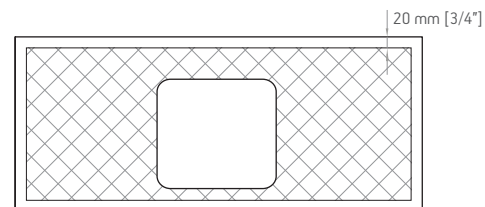


Secure the countertop support with the rails surrounding the cut-out.



It is advisable to use metal plates or rods to reinforce the weakest areas of the joints.

Mesh



The back face of SENSA® granites and quartzites has a resin-coated mesh to improve the rigidity of the material. This mesh should not be removed, roughed or polished more than 20 mm [3/4"] from the contour of the piece.

Bars and legs

The designs that include SENSA® quartzite or granite bars and legs must have a self-supporting structure of metal, wood or similar.

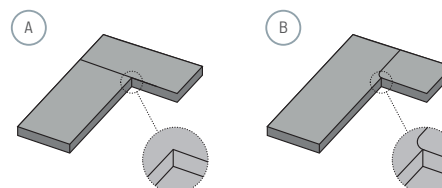
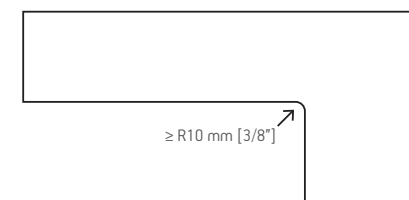
Under no circumstances may SENSA® quartzites or granites act as structural elements.



L-shaped countertops

L-shaped countertops should have a rounded inside corner with a minimum radius of 10 mm [3/8"].

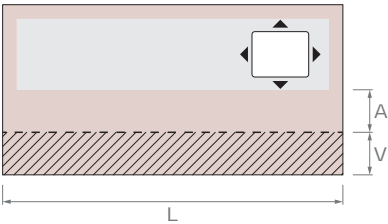
It is recommended to include a joint and to be made in two pieces, for more complex designs.



Island overhangs
with cut-out/drill hole

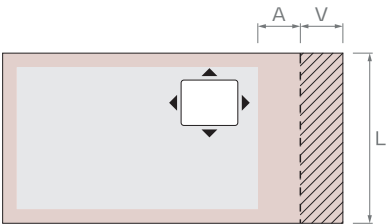
It is possible to make a cut-out/drill in this area.

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



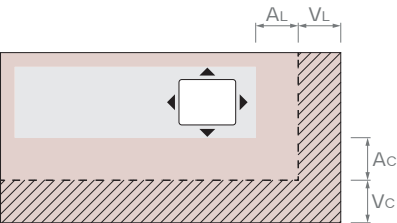
1. Long side overhang

| | 20 mm | 30 mm |
|---|----------------|---------------|
| V | ≤ 100 mm [4"] | ≤ 200 mm [8"] |
| A | ≥ V | |
| L | ≥ 600 mm [24"] | |



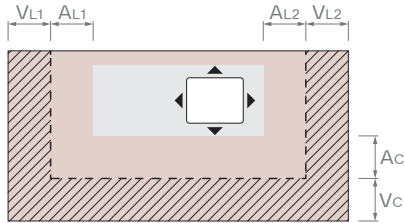
2. Short side overhang

| | 20 mm | 30 mm |
|---|----------------|---------------|
| V | ≤ 100 mm [4"] | ≤ 200 mm [8"] |
| A | ≥ V | |
| L | ≥ 600 mm [24"] | |



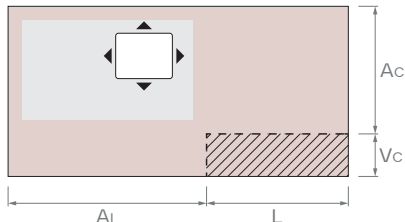
3. L-shaped overhang

| | 20 mm | 30 mm |
|--------|---------------|---------------|
| VL, VC | ≤ 100 mm [4"] | ≤ 200 mm [8"] |
| AL, AC | ≥ VL, VC | |



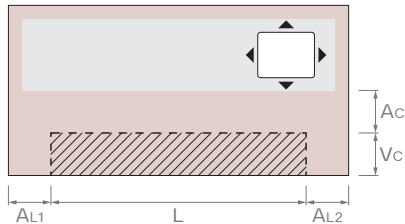
4. U-shaped overhang

| | 20 mm | 30 mm |
|----------|---------------|---------------|
| VL1, VL2 | ≤ 100 mm [4"] | ≤ 200 mm [8"] |
| AL1, AL2 | ≥ VL1, VL2 | |
| VC | ≤ 100 mm [4"] | ≤ 200 mm [8"] |
| AC | ≥ VC | |



5. Partial overhang

| | 20 mm | 30 mm |
|----|----------------|-----------------|
| L | ≤ 800 mm [31"] | ≤ 1600 mm [63"] |
| AL | ≥ L | |
| VC | ≤ 100 mm [4"] | ≤ 200 mm [8"] |
| AC | ≥ VC | |



6. Overhang between supports

| | 20 mm | 30 mm |
|-----------|-----------------|-----------------|
| L | ≤ 1000 mm [39"] | ≤ 2000 mm [79"] |
| AL1, AL2* | ≥ 50 mm [2"] | ≥ 50 mm [2"] |
| VC | ≥ VL | VL |
| AC | ≥ VC | |

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

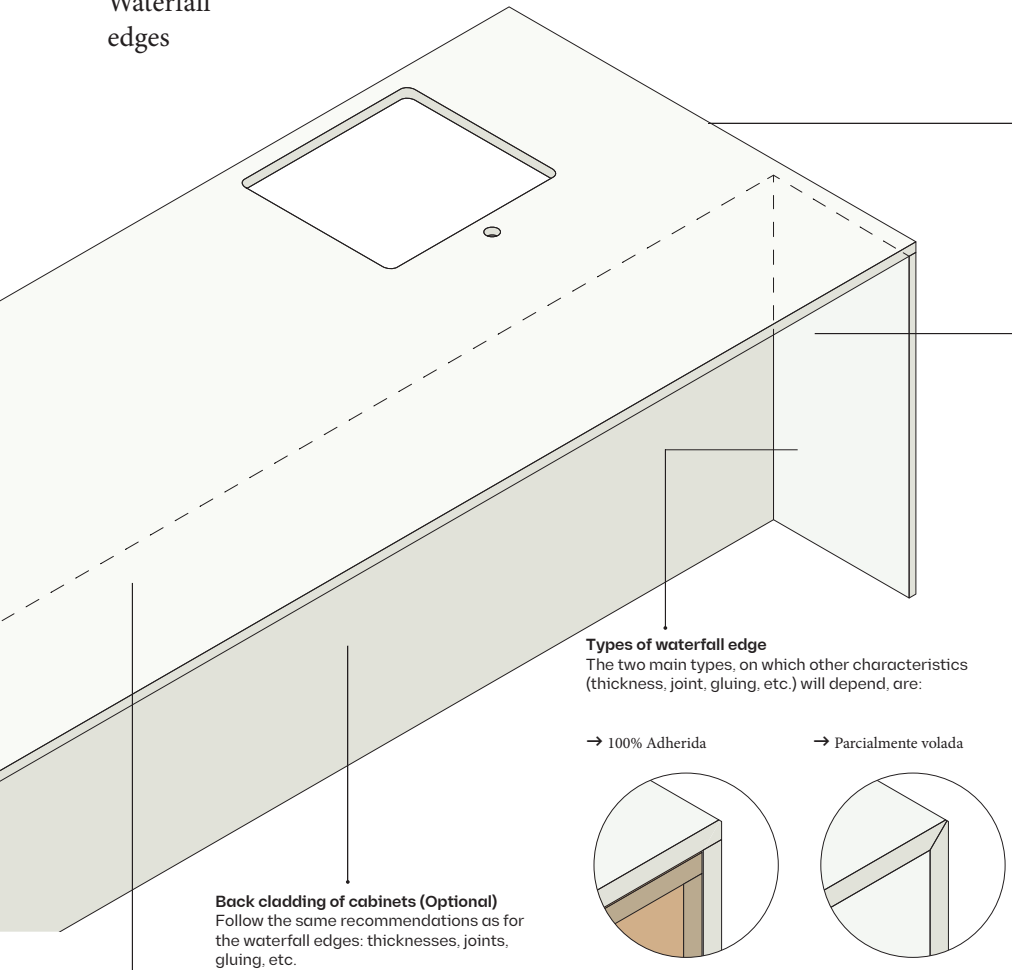
→ (O) Overhang; (S) Support; (L) Overhang length;
(OL) Long side overhang; (OS) Short side overhang;
(SL) Long side support; (SS) Short side support;
(D1), (D2), (D3), (D4) Distance from cut-out to joint.

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



If there is more than one recess, the minimum distance between them will be 80 mm [3"].

Waterfall edges

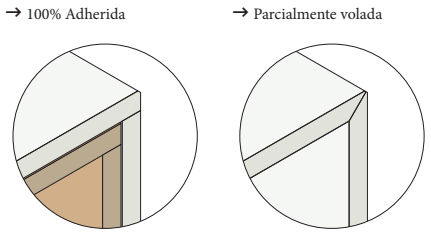


Waterfall edge + Overhang
When requiring the use of waterfall edges in combination with island overhangs, the maximum dimensions of both elements would be:

- 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'.

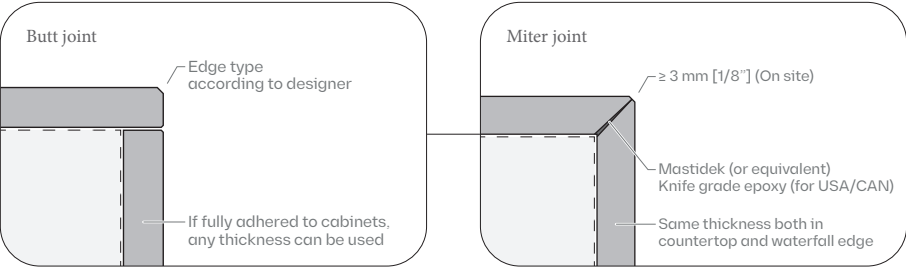
Types of waterfall edge
The two main types, on which other characteristics (thickness, joint, gluing, etc.) will depend, are:



| Thicknesses | | |
|-------------|---------------------------|--------------------|
| | Fully adhered to cabinets | Partially overhung |
| 20 mm | ● | |
| 30 mm | ● | ● |

→ (●) Allowable.

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Interior finish of the waterfall edge
In the case of waterfall edges where the back face of SENSA® 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:

SENSA® slabs with double-sided finish

- Finish: Same/similar to the front side. Please refer to SENSA® 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.

SENSA® return

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

SENSA® 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, SENSA® 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.

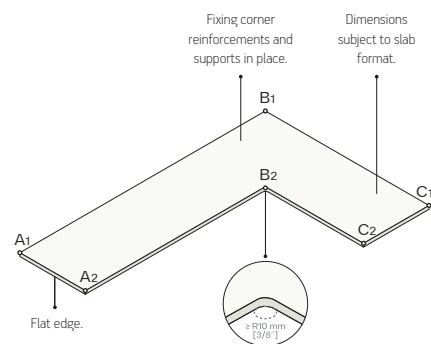
If the waterfall edge is pulled down, the joint with the countertop will break and open.

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

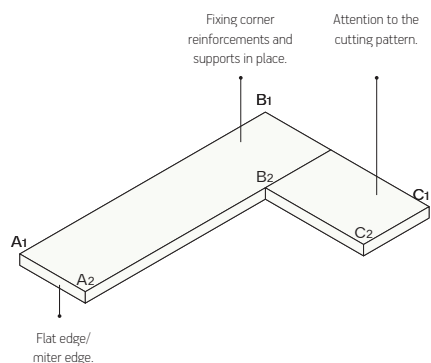
Otras consideraciones

L-shaped countertop

For this type of countertop, it is necessary to ensure that the support points (A, B, C) are at the same height. For one-piece "L" countertops:



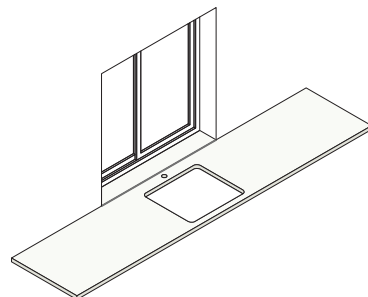
For multi-piece L-shaped countertops:



→ The dimensions of points A, B and C, both on the part attached to the wall (subscripts 1) and on the front of the worktop (subscripts 2), must be at the same height.
→ Small differences in level between these points can cause the worktop to break in area B2.

→ Window sill

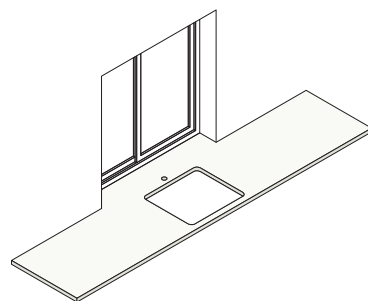
At this meeting point where a continuous, through support cannot be ensured, leave a joint gap between the countertop and the sill piece (best solution) and fill it with silicone of the same color as the countertop.



→ Resolution WITH joint.

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

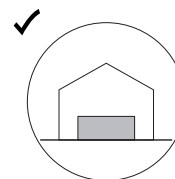
- The support must be continuous, through and of the same material (e.g. wood) below both the countertop and the sill piece.
- Leave a perimeter gap $\geq 3 \text{ mm}$ [1/8"] and fill with silicone.
- Make appropriate radius ($\geq R10 \text{ mm}$ [3/8"]) at all internal corners.
- Valid for 12, 20 and 30 mm thickness.



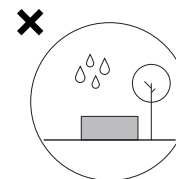
→ Resolution WITHOUT joint.

→ Indoor use of Sensa® only

Sensa® is only recommended for indoor use, for any of its applications: countertops, furniture, flooring... The vast majority of materials in the Sensa range have resin applied to their surface, and these can alter the original tone when exposed to UV, so direct exposure is not recommended.



→ Indoor use.

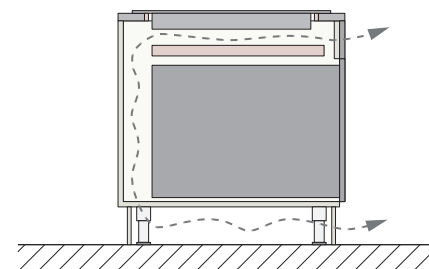


→ Outdoor use.

Appliances: cooktops, ovens, dishwashers, etc.

A. 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.

B. 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 $\varnothing 68 \text{ mm}$ [2 2/3"]).

Drill the holes on a flat surface of lower density than Sensa® (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

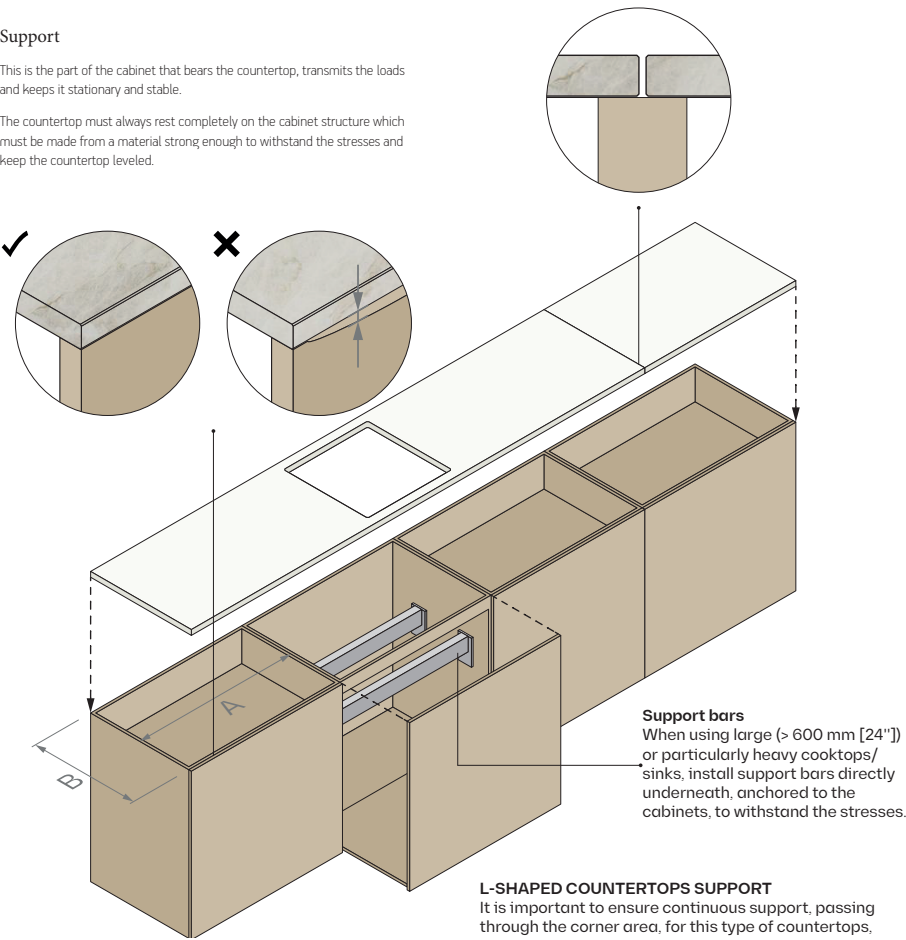
Support

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 | | |
|-------------------------------|----------------|----------------|
| | 20 mm | 30 mm |
| A | ≤ 600 mm [24"] | ≤ 900 mm [36"] |
| B | ≤ 650 mm [26"] | |



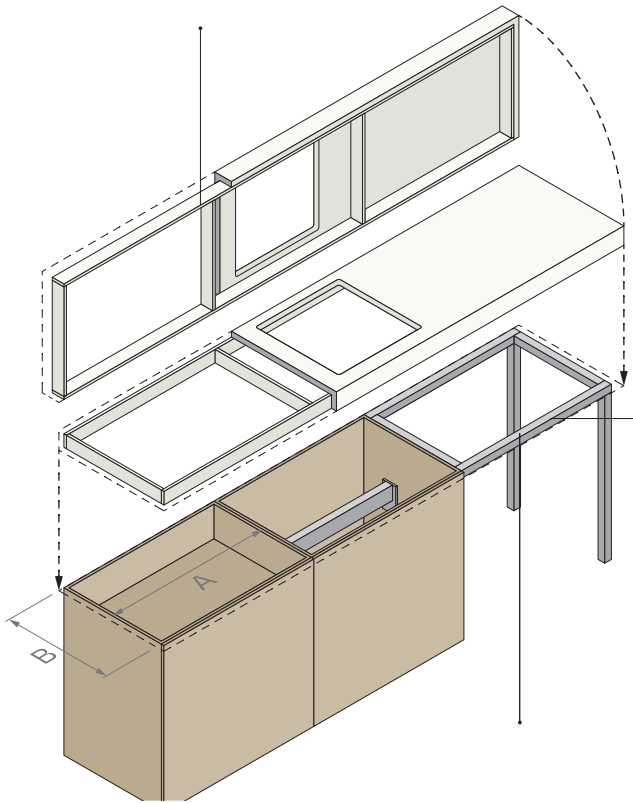
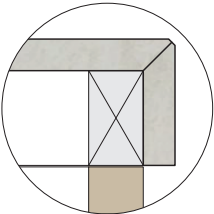
Countertop with miter edge (skirt)

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 Sensa® 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

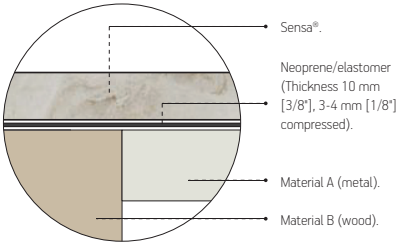
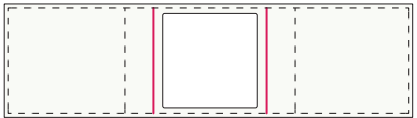
It must be sufficiently sturdy and stable
to ensure continuous support of the
countertop.

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.

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.



Sensa®.

Neoprene/elastomer
(Thickness 10 mm
[3/8"], 3-4 mm [1/8"]
compressed).

Material A (metal).

Material B (wood).

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 Sensa® 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

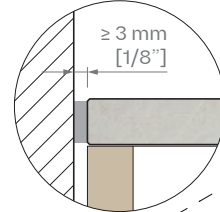
Check that the cabinet top is completely leveled, as the countertop must fully rest on the cabinet structure.

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

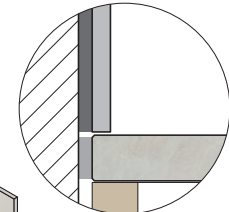
Place an insulating panel between the appliance and the countertop, and ensure adequate ventilation inside the cabinet.

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 Sensa® 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

Performing a final cleaning as soon as possible is important to remove any residue from the installation process.

To clean the surface, use a pH neutral cleaner, or soap and water, with a cloth. Apply a small amount of neutral soap to the stain and rub with a soft scouring pad until it disappears. Rinse with water afterwards and dry the area.

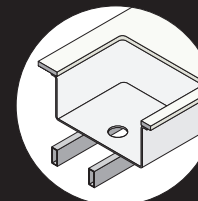
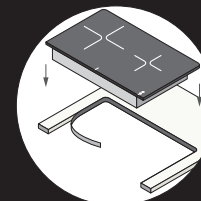
COOKTOP AND SINK INSTALLATION

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 Sensa® 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 installation recommendations of appliance manufacturers to ensure proper ventilation under the worktop.

Failure to correctly follow the instructions set out in this Manual may result in material breakage.



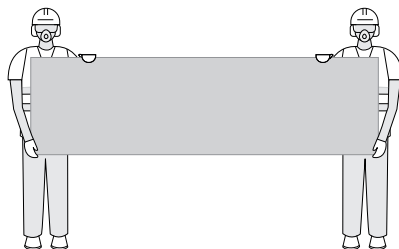
HANDLING

Movement of the pieces

The parts must be handled vertically at all times.

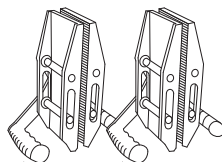
We recommend that you consult Rubi's (Germans Boada S.A.) specific tools for handling large format parts:

<https://www.rubi.com/es/manipulacion-de-gran-formato-f109>

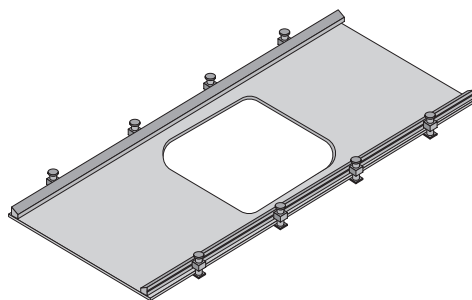


Support equipment

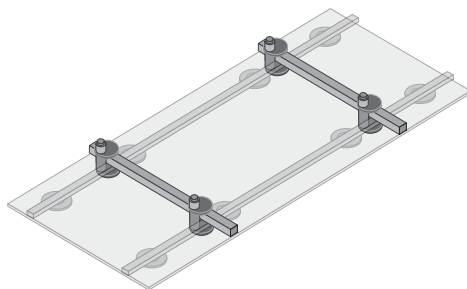
It is recommended to use cut-out protectors, stiffeners and clamps for those parts that are more fragile due to their size or the size of the sockets.



Clamps



Cut-out protectors

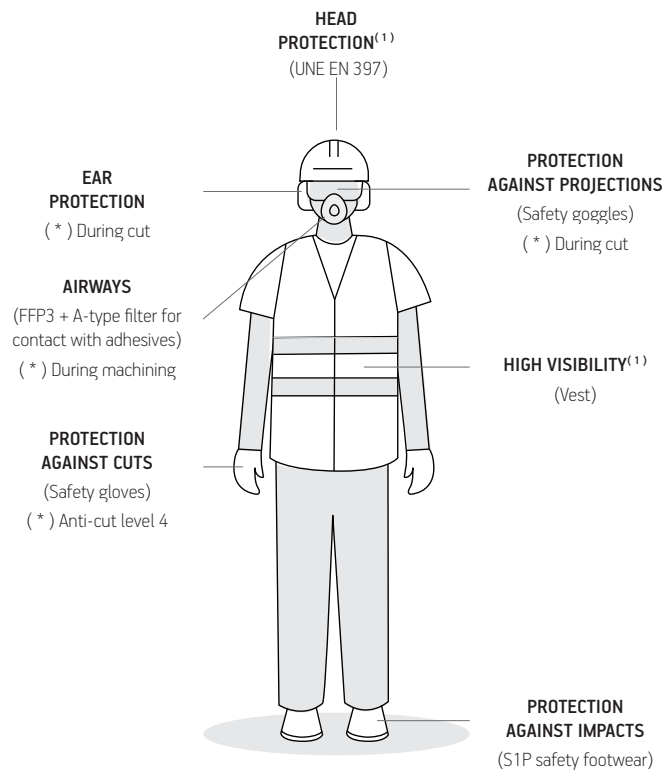


Stiffeners



For more information regarding handling, transport, packaging and tools, please refer to the Sensa Preparation Manual.

SAFETY AND HEALTH FOR PROFESSIONALS



(1) The use of helmet and vest is recommended in case the elaboration is carried out in an environment where suspended loads may be present or high visibility is required.

HEALTH & SAFETY FOR PROFESSIONALS

SENSA® products in their intended end use are completely safe. The risks mentioned here are occupational and, as such, specific to the professional handling and processing SENSA®.

Professional fabricators and installers working with SENSA® or SENGUARD® must comply with all applicable occupational health and safety laws and regulations.

Risks related to exposure to respirable crystalline silica

The natural stones included in SENSA® contain different amounts of crystalline silica. **In particular, quartzite can contain up to 99% crystalline silica.**

When workers mill, cut, drill or polish these materials, suspended particles of respirable crystalline silica can be generated, posing a health risk. Improper processing of the material or without proper dust mitigation and protection measures could cause serious illness.

Apply the necessary occupational safety measures to meet the requirements of local regulations. The information contained herein is not exhaustive or a substitute for the relevant regulations and is provided for information purposes only.

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

Please refer to the product Safety Data Sheets and Good Practice Guides available e.g. on the website <http://osh.cosentino.com>, by scanning the following QR code, or on request from the distributor or manufacturer.

Risks in the handling and transport of SENSA®

Handling and transporting SENSA® may expose you to shocks and cuts with objects and tools, projections of particles or parts, trapping, noise, vibrations, musculoskeletal disorders due to loads. Follow the recommendations made by Health and Safety specialists and their risk assessment.

Use tools suitable for each job and keep them in optimum working order. Use the protective equipment required at all times, such as respiratory protection, anti-cut gloves, eye protection, hearing protection and a high-visibility vest in the loading and unloading area.

Use mechanical means to transport heavy parts or materials. Ensure that all A-Frames are fitted with safety bars to prevent slabs from falling during movement.

For more information, consult product Safety Data Sheets and Good Practice Guides, or ask the distributor or manufacturer.

Risks related to SENGUARD® treatment

The product before application is highly flammable, causes skin irritation and may cause drowsiness or dizziness.

For professional use only. Do not smoke. Keep away from drains, plants, water and soil. Use only in well-ventilated areas. Use positive pressure respirator if ventilation is inadequate.

Wear suitable solvent resistant gloves, protective clothing, safety glasses and a respirator for organic vapors during application. Avoid application in windy conditions. Wash hands thoroughly after application.

For further information see label and SDS available at <https://osh.cosentino.com>.

Cleaning Difficult Stains

For difficult stains, pour some Q-Action (or a similar product) onto the affected area and leave for 2 minutes. Next, scrub with a gentle scouring pad (for glass-top cookers, blue type: no scratch), rinse with plenty of water and dry. If the stain persists, contact the fabricator or studio who supplied you with your Sensa® materials.

| OTHER STAINS | | |
|-------------------------------|--------------------------|----------------|
| STAIN | PRODUCT | TOOL |
| Food | Neutral Soap + Water | Wet Dish Cloth |
| Ink | Alcohol Etilic* | Roll Paper |
| Greasy Stains (Oil) | Neutral Soap + Water | Wet Sponge |
| Oxid/Metal | Hydrochloric Acid* | Roll Paper |
| Limescale | Antical Product/ Vinegar | Wet Sponge |
| Other Stains (Coloring, Wine) | Diluted Bleach | Wet Sponge |

* Do not apply directly on the stain. To get wet the roll paper.

Response to Impacts

One of the most notable features of these surfaces is high impact resistance. However, you should avoid impact to those areas that are less resistant and more sensitive to impact along edges. Nevertheless, any damage caused by an impact will result in the loss of the product warranty.

Avoiding Heat Damage

After using certain kitchen utensils, such as frying pans, pots and other items that give off heat, do not place them directly onto the surface. Instead, you should use a tablemat (a rubber one, if possible) until the utensils have cooled down. This is because the sharp difference in temperature (between hot and cold) can damage the surface.

Cleaning silicone and glue

During the fabrication (miter cutting, laminating, general cleaning of pieces) and the countertop installation (joints, splash backs, etc.) where glues, adhesives and silicones are used, we recommend to clean afterwards (maximum 30 minutes after gluing). To do so, use clean cotton cloths or paper. Use Clean Colorsil (Cosentino's complementary product) as a silicone and adhesive cleaner; Isopropyl Alcohol or Isopropanol (cleaning alcohol) or ethanol may be used instead.

Not recommended products

Products such as solvent or acetone should not be used for cleaning worktops or slabs. Scouring pads should not be used. Do not use scouring pads, sponges or cleaning products that contain abrasive particles.

Precautions for General Use

- Do not leave water on the surface for long periods of time. The most susceptible areas are those that are close to sinks.
- Do not use sharp objects to cut directly on the worktop surface. Instead, use other protective materials such as chopping boards.
- Do not place the surface outside or anywhere that may be exposed to high levels of ultraviolet radiation.
- Do not place any objects that give off heat, or that have been recently removed from the cooker, onto the surface. Use a trivet or tablemat.
- Do not use water-repellents, sealants, polishes or similar products.
- Do not polish the surface.
- Do not place heavy objects that are unsuitable for worktop use on the surface.
- Do not use paint strippers, caustic soda or any products with a pH greater than 10. If you use bleach or solvents, you should rinse the surface with plenty of water. Never leave such products in permanent contact with the surface, as they may affect it after 12 hours. Avoid the use of any chlorine-based products and any contact with hydrofluoric acid.
- Do not use grease removers with a high mineral content, or very strong products containing 50% solutions of hydrochloric acid or sodium hydroxide.
- Do not use any cleaning products that have a mineral content or that include microparticles in their composition.
- Do not use any scouring pads that may scratch the surface. Use a cleaning sponge.
- Examples of products that you must not use on Sensa and ECO Line Colour Series surfaces: paint strippers, oven-cleaning products, cleaning products containing methylene chloride, acids for unblocking plugholes or nail-polish removers containing acetone.
- If any of these products are spilled onto the surface, remove them as quickly as possible using plenty of water and neutral soap.
- The use of these types of products may result in the loss of the product warranty.





SENSA
by COSENTINO®

COSENTINO®

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 GrupoCosentino  Cosentino_ES



COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =

(*) Ver condiciones particulares de la garantía.

REV. 04 - 10/2024