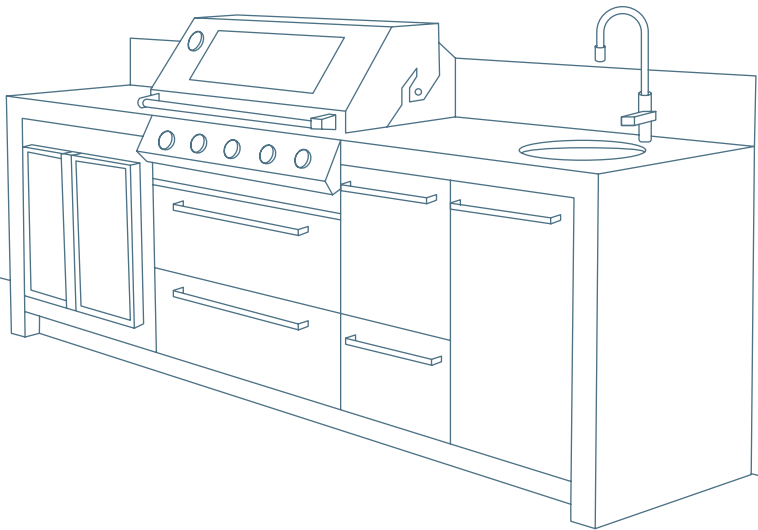


Outdoor BBQ Installation

DEKTON MANUAL

Version 3
June '17



A product designed by **COSENTINO**



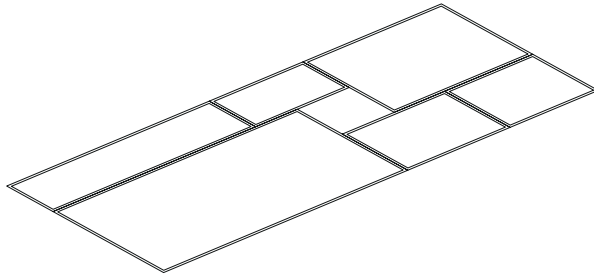


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THE PURPOSE OF THIS MANUAL IS TO PROVIDE GENERAL GUIDELINES FOR THE DEKTON BBQ'S FABRICATION AND OUTDOORS INSTALLATION.

It is important to make all cuts at the shop facility avoiding to cut at the job site. We recommend to follow these next steps:

FABRICATION

Follow the Fabrication Manual. Some of the most important points are:

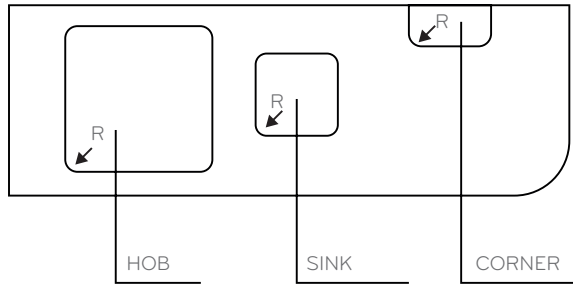
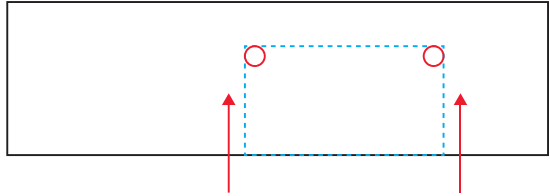
- Once the slab has been trimmed 1" off each side to release its internal stress, it's ready to be cut the designed BBQ counter top.

- Use a continuous support underneath the material to make the cook top cutout in order to prevent the piece from falling down.

- Drill all cutout corners before cutting. Then, from outside to inside make the side cuts. For the drills connected cut plunging the blade slowly. To avoid chips or breakages, the tools must be cooled with a lot of water.

- It's important to keep the radius in both corners to avoid any possible breakage during and after the fabrication.

Use a 1 35mm core bit to leave a 16 mm radius minimum. For smaller BBQ flange use a 1" core bit to leave a minimum 10 mm radius. Never smaller.

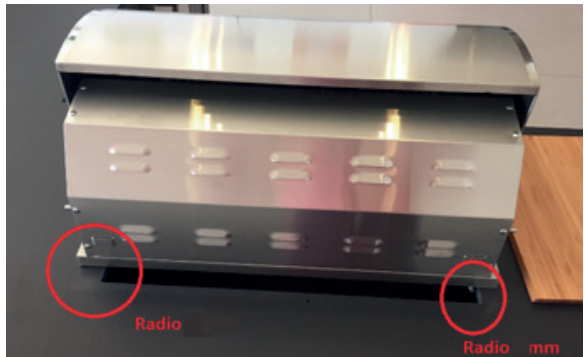


Recommended 20 mm
(façade hole)
Minimum 10 mm

5 mm

5 mm

Recommended Radius	Minimum Radius
20mm (façade hole)	10mm



- As usual, for lamination and joints we recommend an outdoor – epoxy bonder like:

- As usual, for lamination and joints we recommend an outdoor – epoxy bonder like:




A) MASTIDEK OUTDOORS FOR DEKTON

B) EPOXY A-B ULTRAVIOLET, 24 HOURS.



C) AKEPOX 5010

D) INTEGRA BONDER ULTRA



Surface Bonder Ultra

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For INDOOR / OUTDOOR applications.

A premium, Modified Hybrid Polyaspartic resin for today's surfacing needs

Surface Bonder Ultra is a premium, UV stable, Modified Hybrid Polyaspartic surfacing adhesive for indoor and outdoor applications. This unique adhesive will not yellow, stain, or bleed making it perfect for white marbles. Surface Bonder Ultra contains almost no VOC's and is not classified as a hazardous material.

Offered pre-colored in a 215ml cartridge or

INSTALLATION

- In order to avoid any breakage in the future, it is mandatory to have full support under the material.

We recommend to use concrete board (10 mm Hardy Baker). Never use plywood or marine plywood, because it swells (expands/contracts) in outdoor environments.



- To achieve full support and flatness, drill the cement board to the cement block.



HOW TO LAMINATE DEKTON TO THE CONCRETE BOARD?

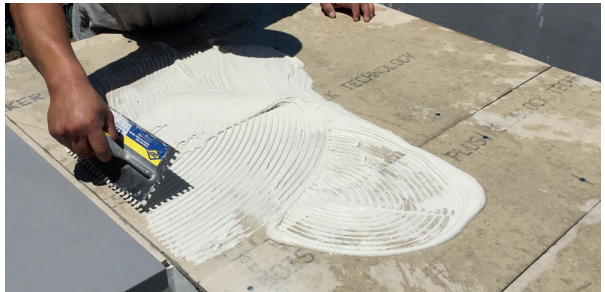
-Must use Thin Set (254 Platinum from Laticrete, ProLite from Custom or similar). Never use Silicone, Caulking, Liquid Nail or similar glue.



HOW TO APPLY THE THIN SET?

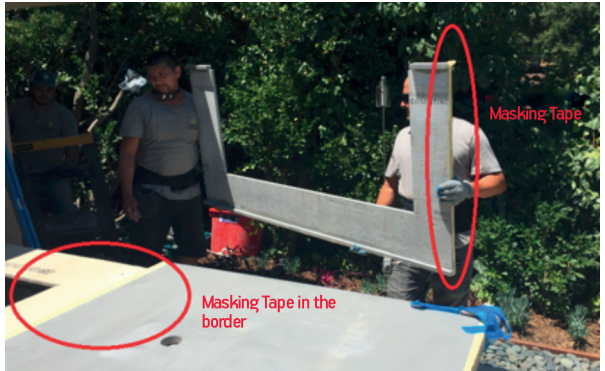
- Clean both surfaces that will be in contact with the thin set and wet in order to increase the bonding force.

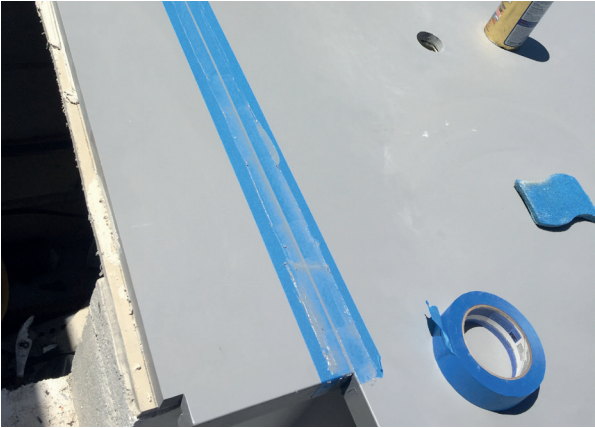
- With the method of double bonding, apply adhesive to both sides Dekton and substrate, using a Notched Trowel 10 mm, in perpendicular:





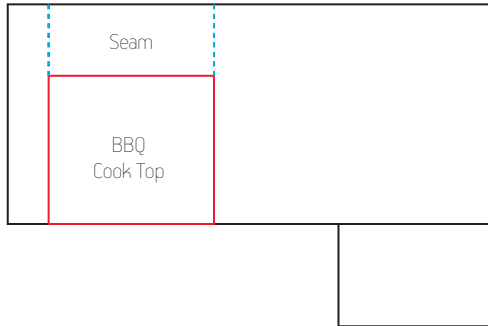
To avoid chipping on the joint edges at the moment of the installation, it is recommended to protect each joint edge with masking tape, cardboard, shims or masking tape in the border before placing the top on the base.





BEST PRACTICES

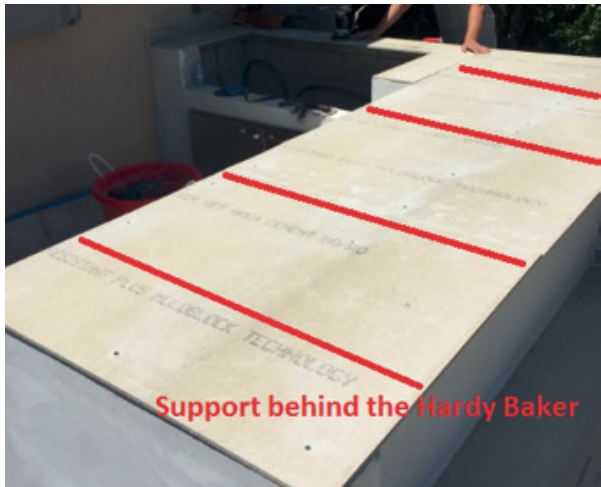
1. If there is a wall behind the countertop it is suggested to make the seams following the cooktop edges:



2. If there is a big flange in the BBQ, it is recommended to do radius over the cut.



3. Extra support behind the hardy backer as depicted on the picture, the red lines indicate a support (of metal bars, wood, concrete etc..) this is required so the hardy backer will not fall down, bow or fail in the future.

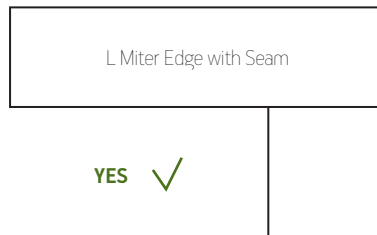
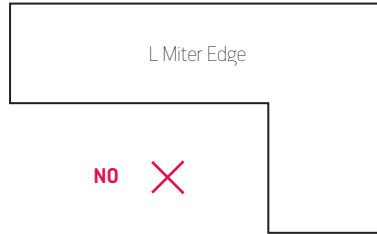


IF THE HARDY
BACKER IS NOT
LEVELED USE SHIMS
BETWEEN THE BASE
AND THE HARDY
BACKER.

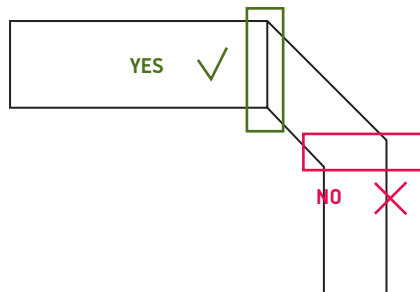
- Never do:

- A 90° sharp inside radius on an "L"
shape top corner

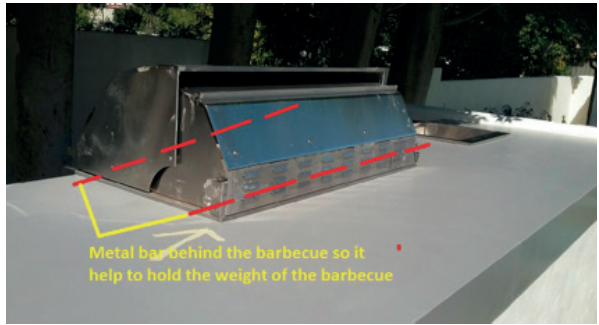
- L miter edge in one piece:



- L miter edge 120°:



- The BBQ SHOULD NOT rest on the edge of the Dekton top cutout. It must be supported by the structure itself or frame specifically designed to hold the BBQ Grill. Never stand up or use Dekton tops as a standing platform.



We recommend heat tape for inside the BBQ Grill cutout.



- You must leave around 2 mm between the grill and the counter top.





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