Dekhte reh jaoge

Simpolo®
ceramics

SINK CUTTING INSTRUCTION

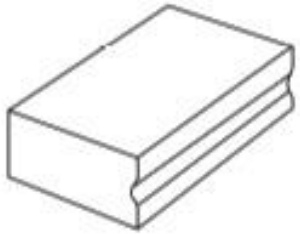
TOOLS

Tape measure

Workbench

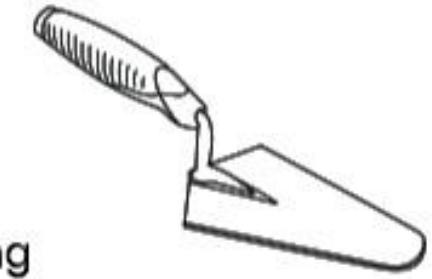
Parting cut

Approved disc and drill bit



Polishing block

Mixer



Mixing trowel

Toothed trowel

Scraper

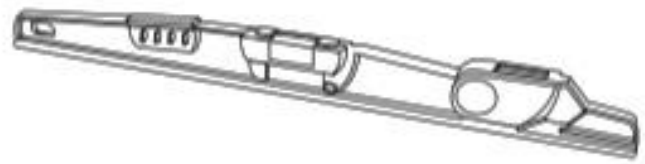
Plastic trug

Finishing trowel

Suction cups

Levelling system

Spirit level

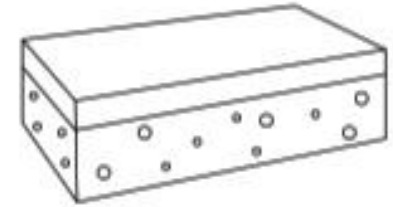


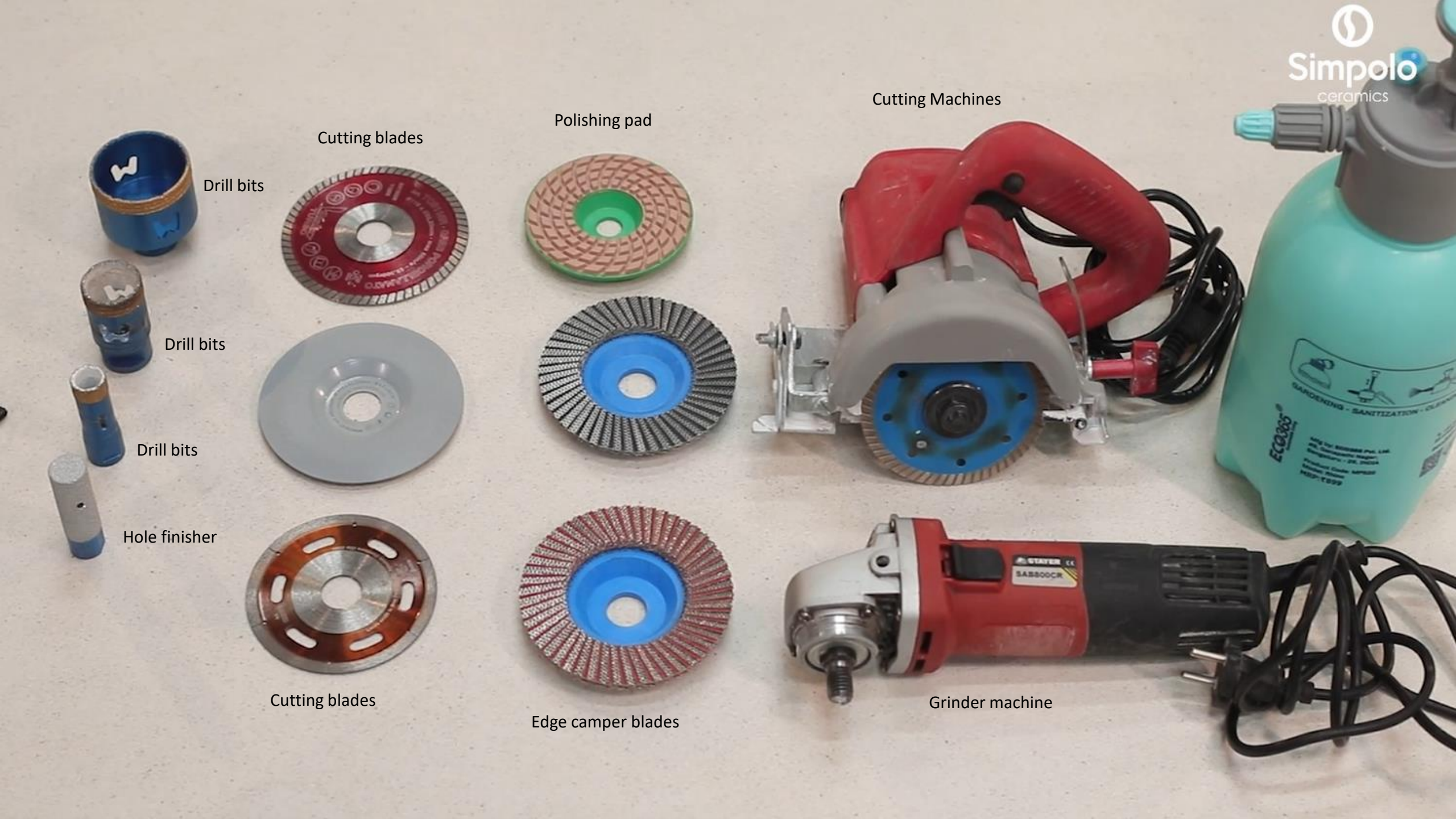
Levelling kit

Grouting kit

Water

Cleaning sponge




Simpolo
ceramics
Drill bits
Drill bits
Drill bits
Hole finisher
Cutting blades
Cutting blades
Polishing pad
Edge camper blades
Cutting Machines
Grinder machine

EDGE SHAPING BLADE

ZERO CHIPPING BLADES

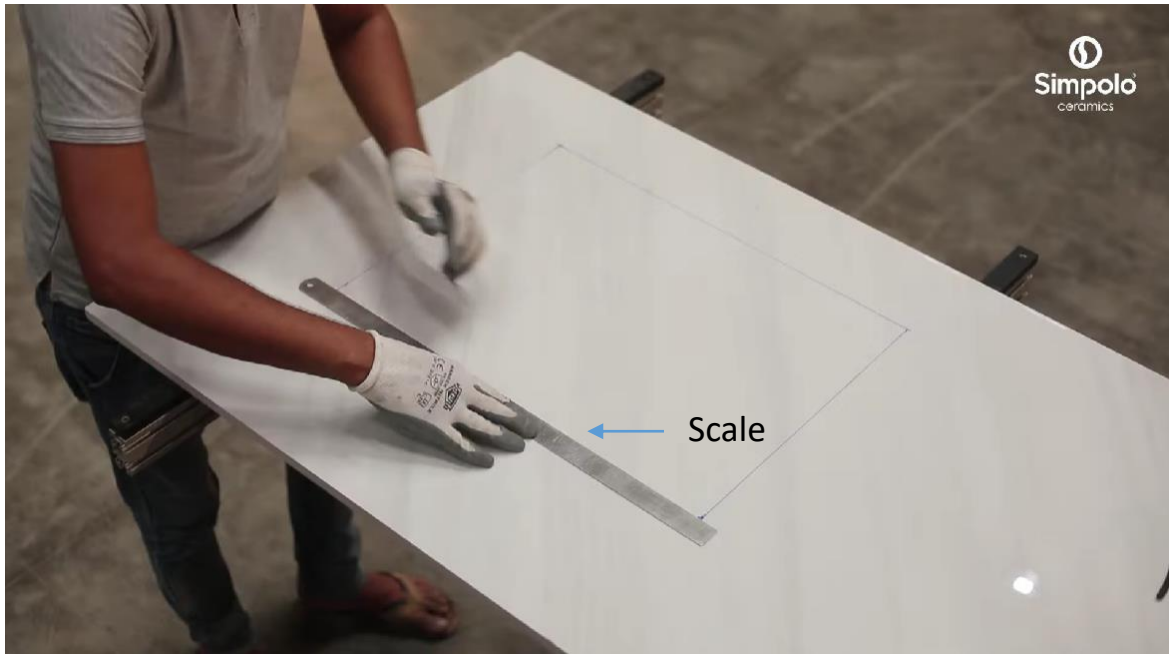
DRILL BIT

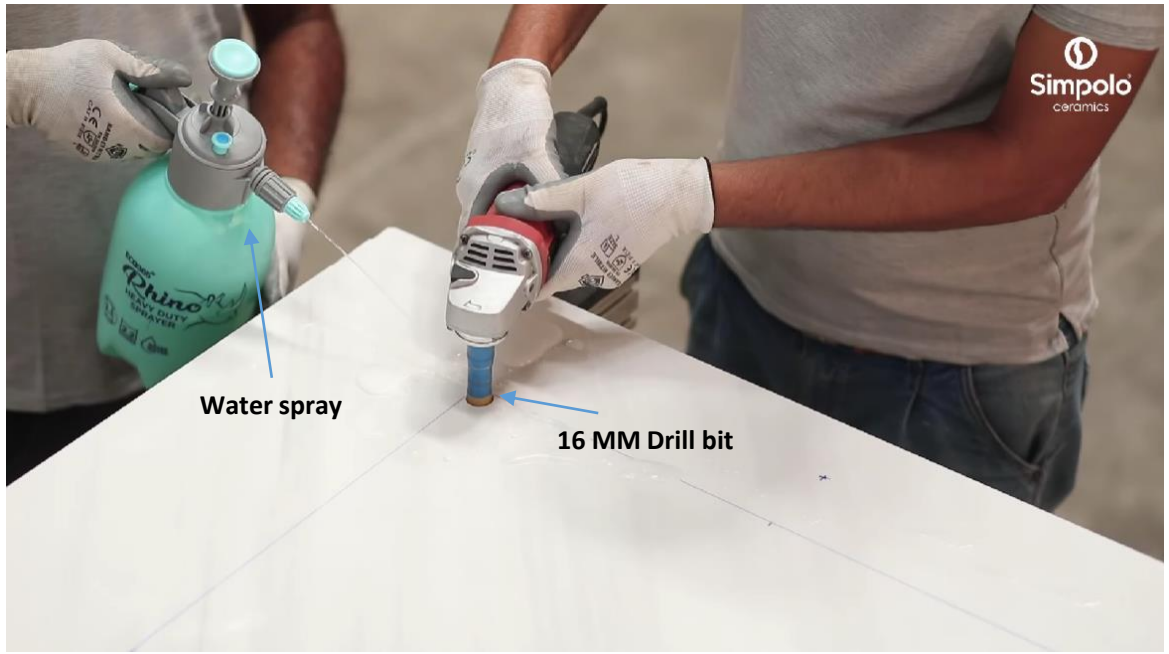
- **Drill bit cutter 6 mm to 60 mm available in market**

REQUIREMENT INSTRUMENT FOR TILE CUTTING	
INSTRUMENT NAME	**PURPOSE OF INSTRUMENT**
DIAMOND BLADE	TILE CUTTING BLADE FOR 9 MM TO 20 MM
ZERO CHIPPING BLADE	TILE CUTTING BLADE FOR 9 MM TO 20 MM
BOSCH GDC 121 CUTTER MACHINE	TILE CUTTING MACHINE
BOSCH GWS 750-100 Professional Angle Grinder	ROUND SHAPE CUTTING MACHINE
GRANITE CORE BIT XTRA POWER (DRILL BITS)	FOR MAKING HOLE

DRILLING HOLES/CUT-OUTS

- First of all you need to draw the mapping lines to drill the internal cuts on the slab.



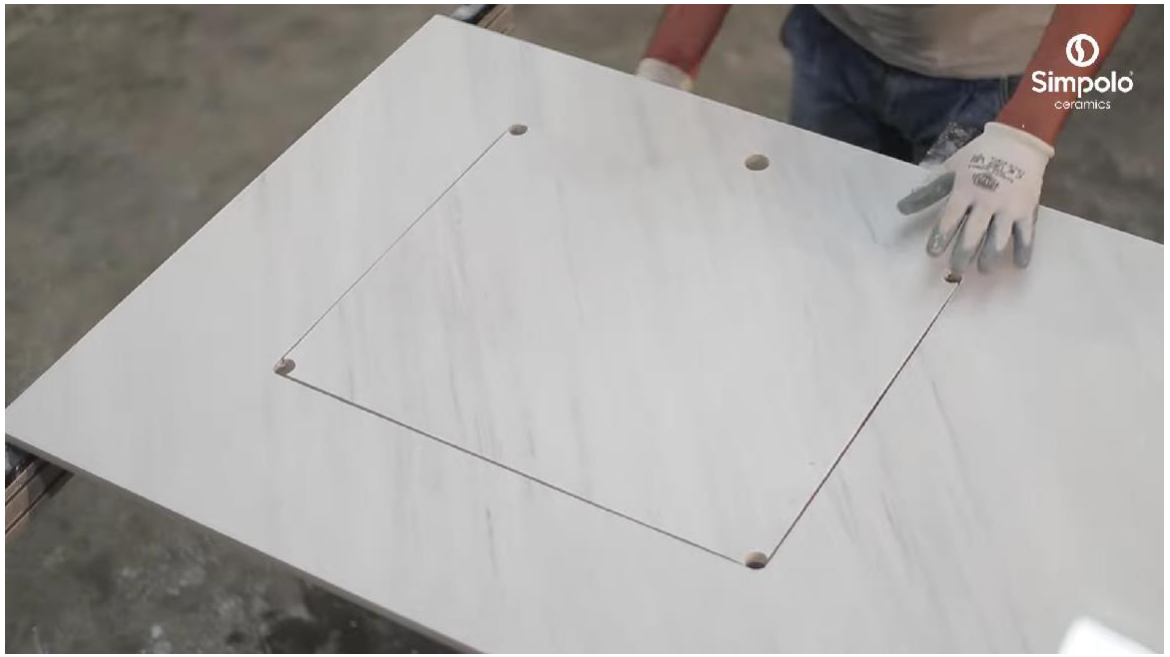


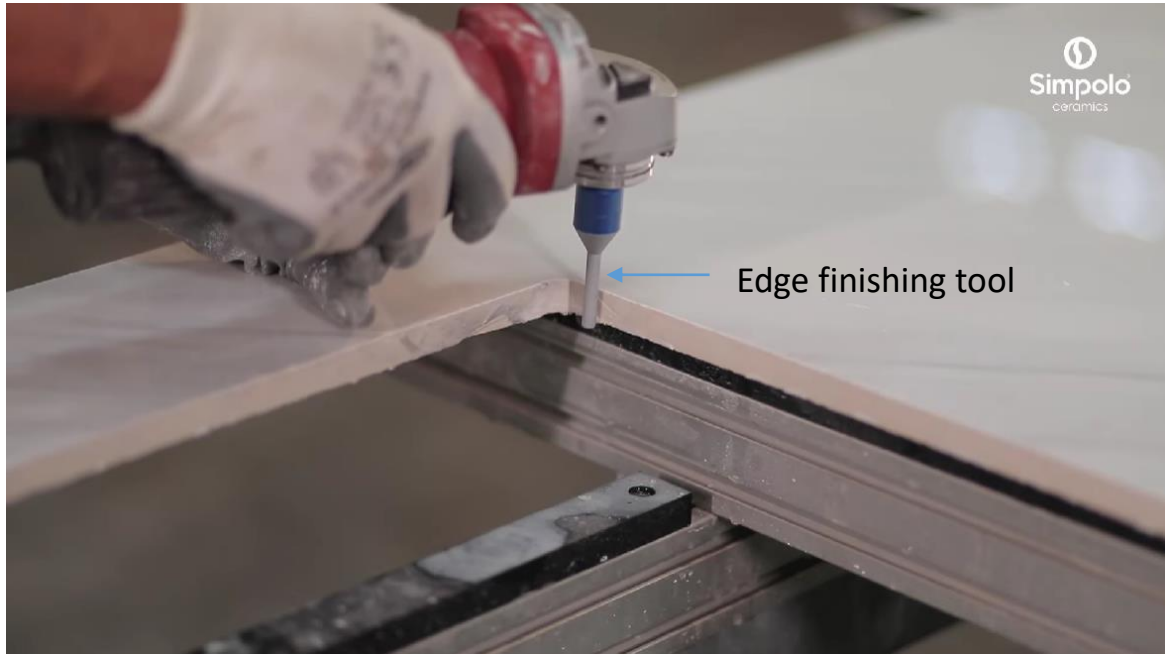
- Start engraving the surface with a 75 degrees point angle.
- Then, straighten the drill avoiding excessive pressure on the slab.
- To make cuts on the slab, trace Mapping lines and drill the holes at the 4 corners of the desired rectangle using a tool with a diameter of at least 10 mm.
- Keep **Drilling** slowly applying water to make sure you don't damage The material underneath the tile.

- After the drilling, cut slowly for 4 holes.
- Use ZERO CHIPPING BLADE of any branded company.
- Staring from slow speed & increase the speed.
- Starting speed is 0.5 meter /min
- After that speed is 1 meter /min

- Keep cutting **slowly applying water** to make sure you don't damage The material behind the tile

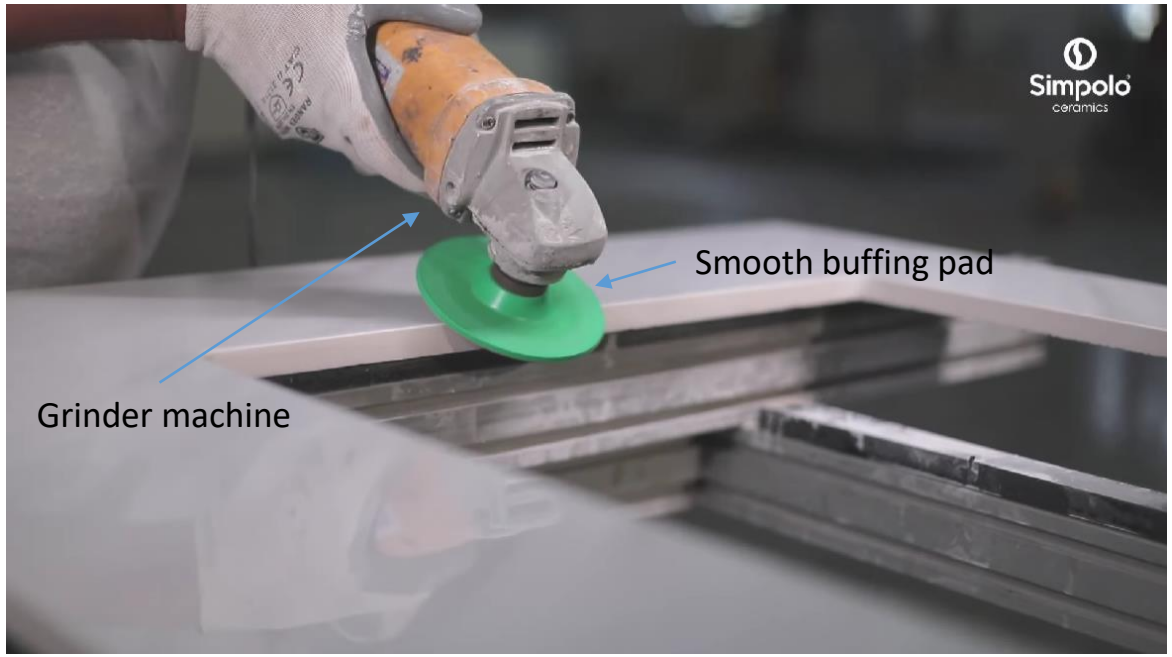
- Ensure that you have drilled done. As per the requirement.
- Ensure that you have cut the slab as per the mapping line.
- Get the cut part of the slab removed slowly by pushing it from down to upward.





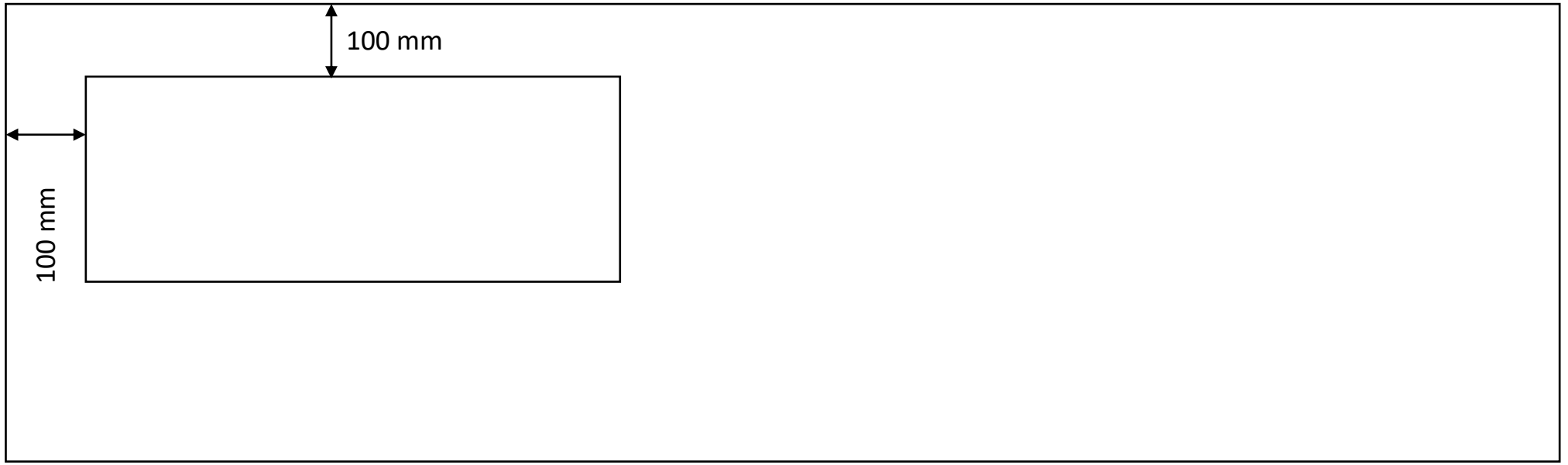
- Ones the cutting part is taken off use edge finishing tool for smoothness.

- Once the smoothness is achieved edge side minor buffing is to be done for finishing touch with smooth pads.



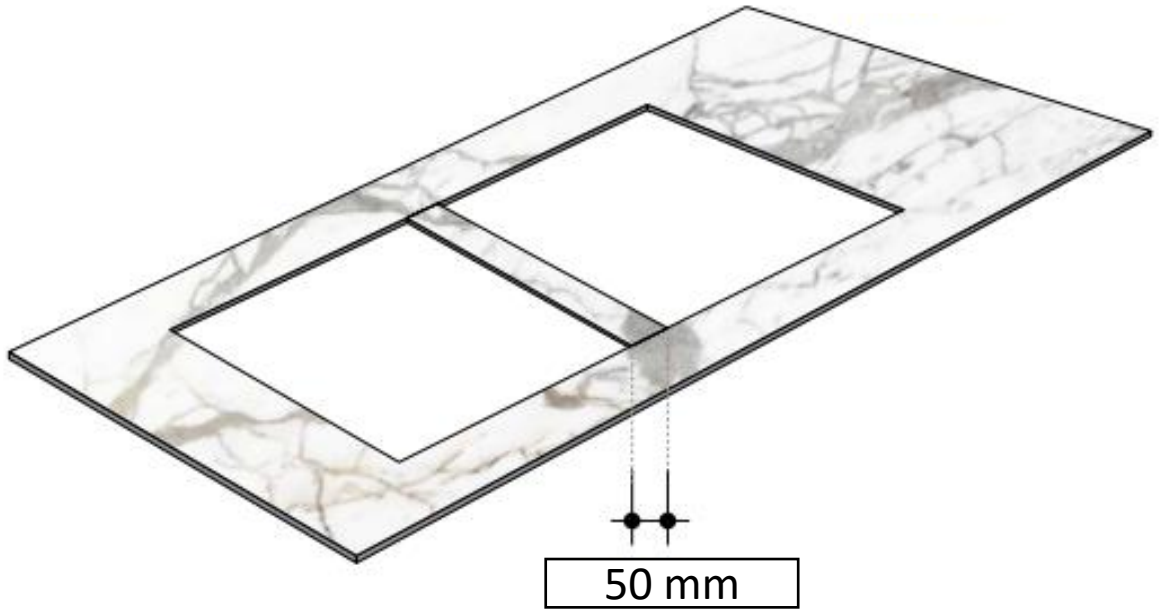
See the Finished look, Slab with sink cut.

- **<u>Sink cutting rules</u>**



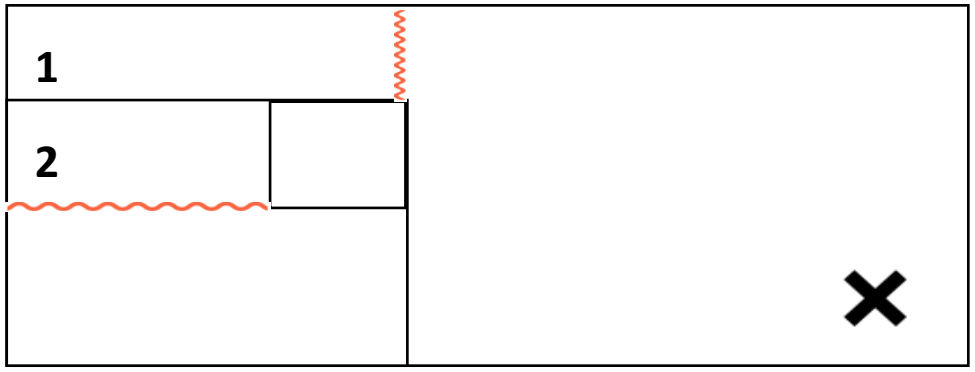
- Always allow a minimum of 100 mm between the hole and the edge of the slab.
- Make the cut, starting on the longer sides first.

- **<u>For Large sink cuts follow the procedure</u>**

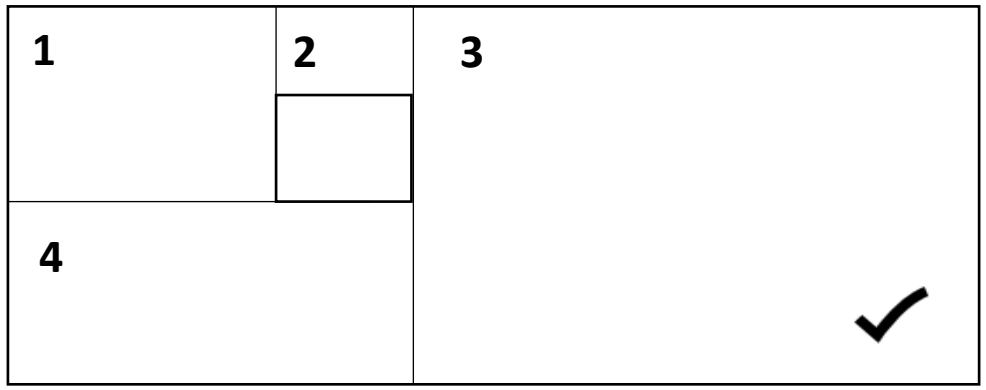


- If large openings are necessary on the surface (larger than 700 mm), we recommend providing at the center of the opening, in the direction of the depth, a pre-incised strip about 50 mm wide (to be removed after installation) to make handling the surface less critical.
- **This will help better in Handling the large sink cut**.

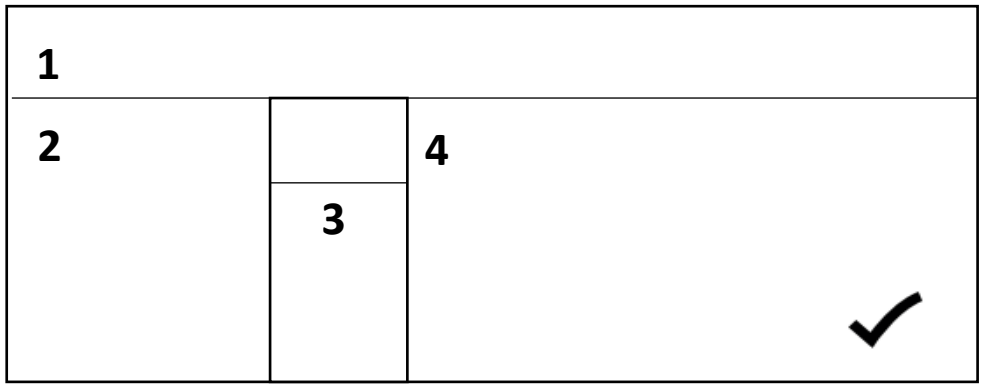
JOINTS WITH COLUMNS, MORTISES OR OTHER ELEMENTS



Joint with a column using L-shaped pieces



Joint with a column using straight pieces - OPTION A



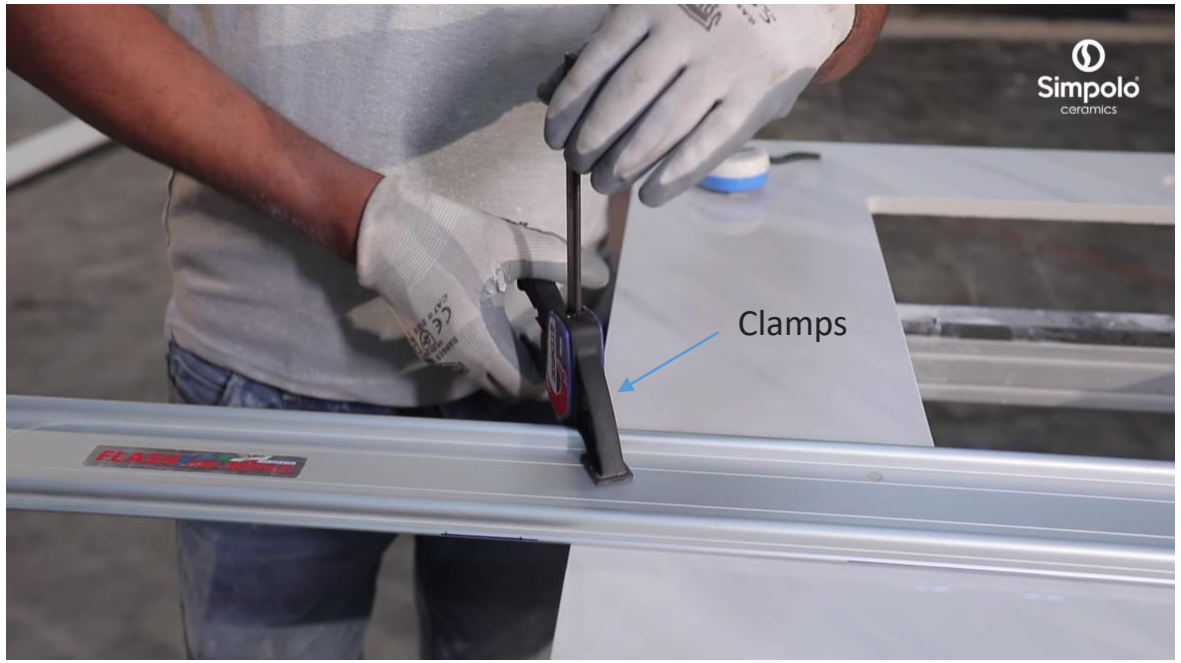
Joint with a column using straight pieces - OPTION B

- L-shaped pieces are not recommended.
- Therefore, in order to deal with joints with elements that “break” the continuity of the flooring, it is recommended to divide it into as many pieces as necessary.
- The aim is to avoid loose and flimsy ‘arms’ on the floor tiles, as this area of the material is very susceptible to breakage.

45˚ CUTTING

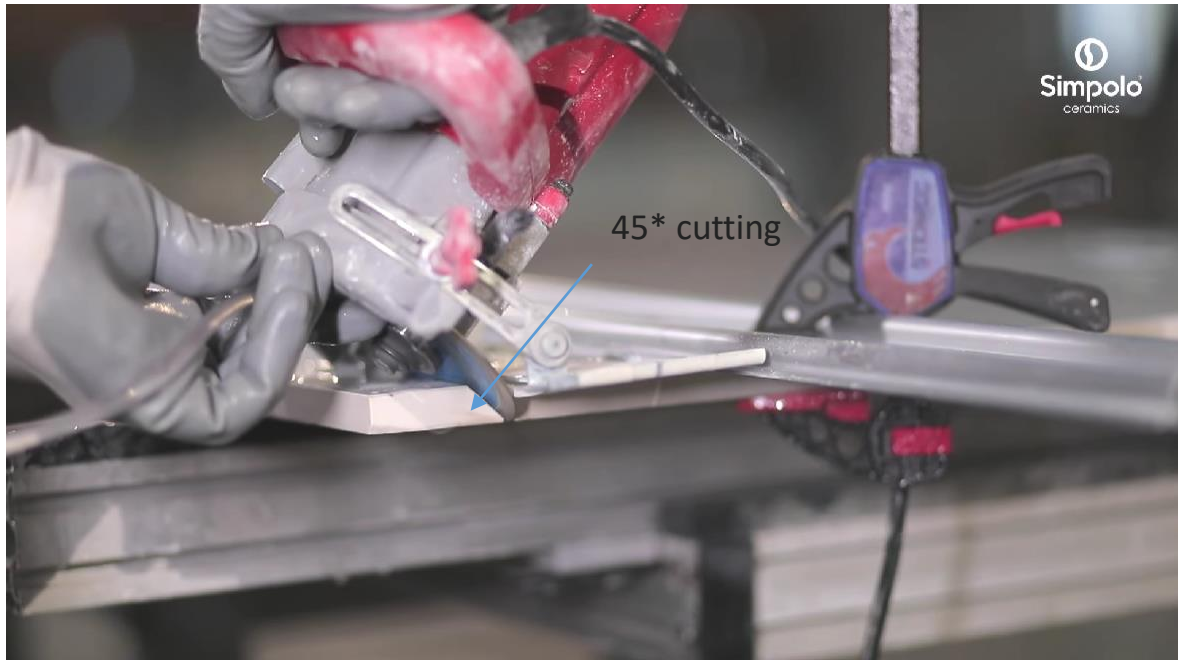
- Measure and mark the tile with a grease pencil where you want the cuts to be made.

- Mark the tile where it will need to be cut to fit the installation first.



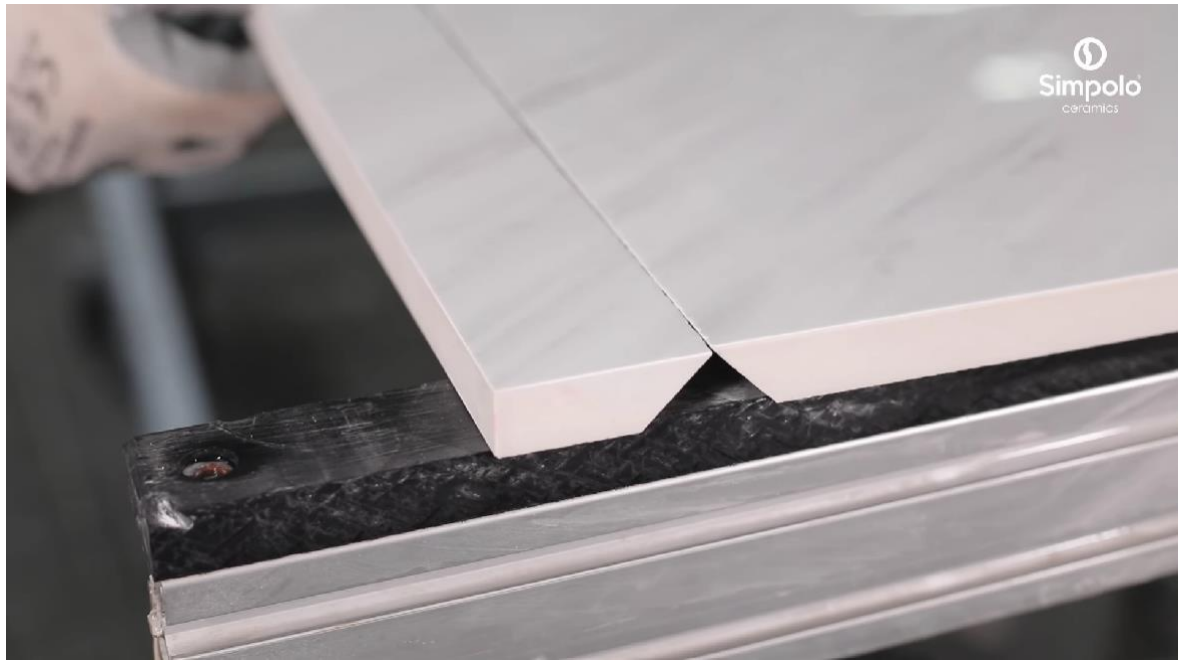
- After that fix clamps both the side so as to get accurate cutting.

- Make any straight cuts on the tile with a cutting machine to get it to the right direction.
- Do not move or touch the tile before starting to cut with the machine.
- Keep the water flow continuous & cut the tile slowly.



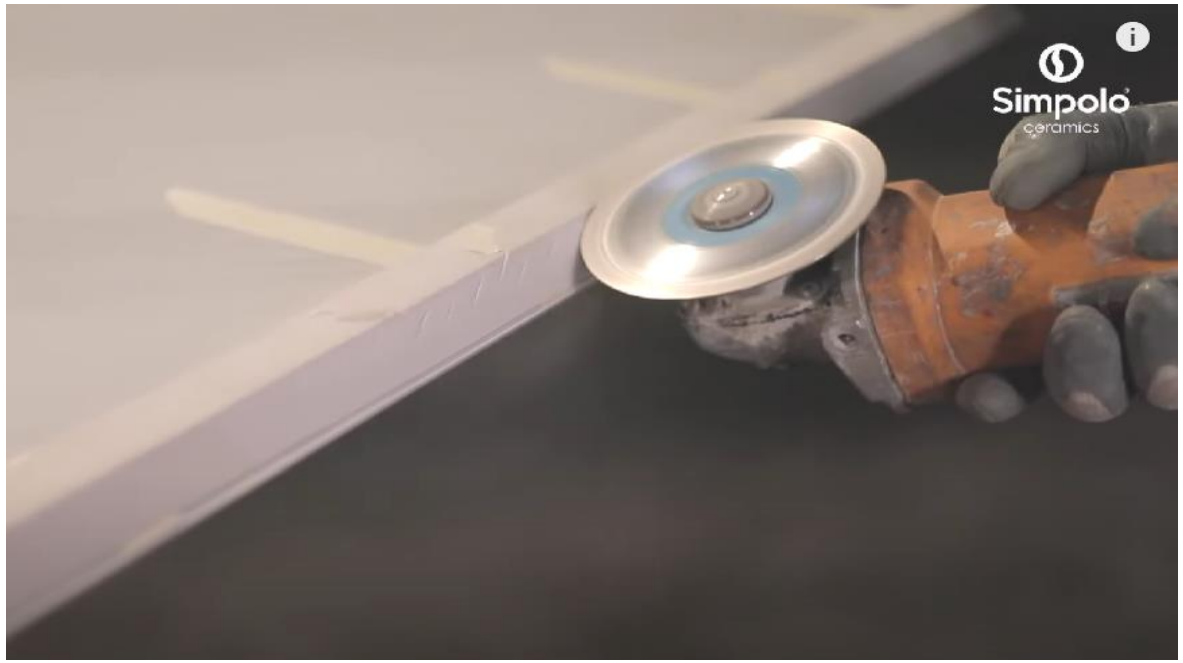
- Apply slight pressure in to the tile, but do not push it into the blade; the blade pulls it slightly as it cuts.

- Keep slowly track another part of tile. Make sure did not damage.



- In addition, put cutting part front of main part.

- After that grip with masking tape so you will get more grimness for bonding.

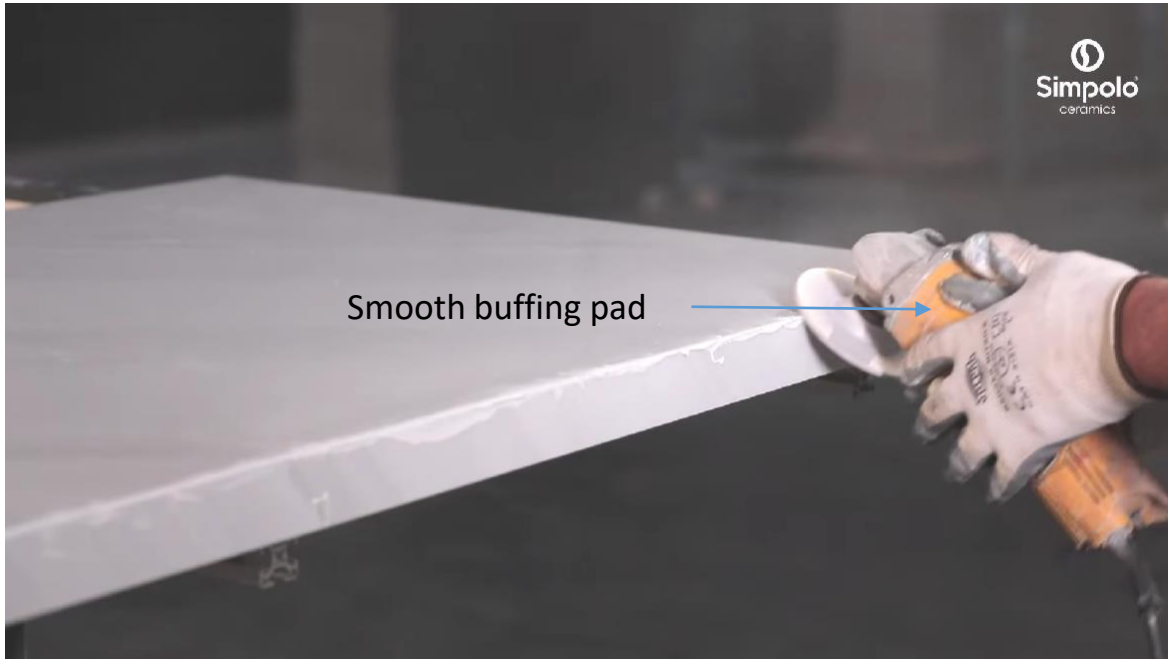


- After that little bit chipping on back side so getting more bonding.

- After the chipping, material need to Resin & hardener for gluing.

- Resin & hardener Mixing

- To achieve the correct 2:1 mix ratio by volume, simply measure out 2-parts resin to 1 part hardener before mixing the components.



- Need little bit of soft bruising on top side And clean the surface.

- So you will get result very Precisely.

“L” SHAPE CUTTING

- To drill internal cut-outs from the slab you need first to draw the guidelines.
- Suggests drilling first an minimum Ø 10 mm hole at the corners of the rectangle shape, using a non-percussion drill.
- While drilling also keep both surface and drill bits with water supply.

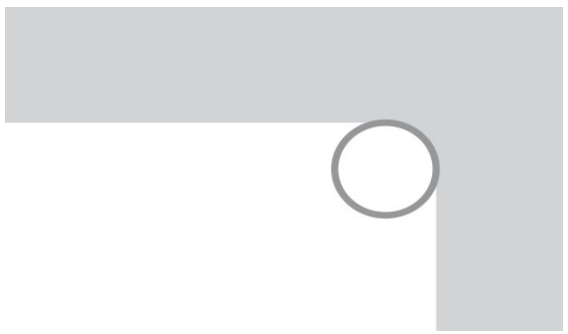
- Start engraving the surface with a 75 degrees point angle, then straighten out the drill avoiding excessive pressure on the slab.

- **Follow the drawn lines using a diamond-blade angle grinder.**

NOTE – DO NOT CROSS MARKING LINE
OTHERWISE YOUR SLAB MAY DAMAGE
OTHERWISE IT WILL DAMAGE AFTER
INSTALLATION

- **CORRECT CUT-OUTS**

- All cut-outs corners must have a minimum diameter of ¼" Never leave 90° angles. We recommend radiuses of more than 1/4" when the kitchen design allows as it makes the countertop firmer.



CORRECT

INCORRECT

INCORRECT

INCORRECT

For video Scan the link.

THANK YOU

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