

Pedra

COUNTERTOP SYSTEMS

Installation

Pedra Modular Countertop System is designed to suit 24" deep base cabinets and when installed, it will give 1" overhung bull nosed edge finish with a total depth of 25".

The unique design also allows 3" increments in length and meets the North American cabinet standards.

Please read the instructions carefully and familiarize with components in the packing list (enclosed in the kit) prior to installation. Different kits are available to suit your layouts. Please refer to kit details given below and select the correct type and number of kits for your project.

A dry run of the counter top components setting is recommended to ensure you have the required sets to complete the project.

Marking for sink cut out should be done during the dry run and the tiles should be cut accordingly prior to setting on the counter top.

Tools required for installation:

- Straight edge
- Spirit level
- Tri-square
- Trowel
- Hand drill with suitable bits for Granite
- Granite saw (wet or dry saw)
- Jig Saw

Please note: The following information is a guideline only and Pedra is not responsible for damages caused during installation by individuals.

1. Base Preparation: Cabinets on which the countertop will be installed should be firmly fixed in place. Use a tri-square to ensure the cabinet corners are square and level the surface using a spirit level.

2. Sub Surface Preparation: Take a 1/2" or 5/8" plywood (depending on the waterproofing method) cut to suit the cabinet size and secure it to the cabinet frame using screws. Plywood should be flush to front / back / sides of the cabinet.

You may overhang the board on the sides for extended length but do not exceed more than 6" overhang. Remove all debris and rough sand surface. Wipe or vacuum wood dust from surface.

3. Waterproofing Sub Surface – The following two methods can be employed for water proofing of sub surface:

a. Using Membrane: Apply a 1/8" thick layer of thin-set mortar with latex additive on the 5/8" plywood (use a notched trowel at an angle to achieve the desired thickness of thin-set) and lay the waterproofing membrane. Press it down gently using a plywood with lateral movement to get an even surface and 100% coverage. Allow it to cure for 24 hours.

b. Waterproofing - Using Cement Backer Board: Apply a 1/8" layer of thin-set mortar w/ latex additive on the 1/2" plywood and then set down 1/2" cement backer-board (cut to size) press it down gently with lateral movement for 100% coverage. Use a spirit level to check the level of the surface.

4. Modular counter top Installation - Following two methods can be employed for installation:

a. Installation Using Thin-Set: Clean debris, grease etc. from tiles. Apply 1/8" layer of thin-set mortar-with-latex additive on the finished sub surface and start setting with front edge tiles of the counter. Press the tiles gently on the thin-set with lateral movement for 100% coverage and align the face using a straight edge.

Use a spirit level to check the level of the surface. In case of "L" or "U" shaped countertop, start with laying the inside corner tiles first and go sideways along the front edge until the edges are covered. **You can butt the tiles or leave a grout line to suite your style.** Start setting the back tiles in the same way as above and leave for curing for 24 hours. Use a spirit level to check the level of the surface and **make any adjustments before thin-set hardens.**

Clean the surface with a moist cloth.

b. Installation Using Adhesive: Apply a 1/8" thick epoxy with trowel on the finished sub surface (Follow the instruction on application of epoxy from the manufacturer) and start setting the front edge tiles. Press the tiles gently into the epoxy with lateral movement for 100% coverage and align the face using a straight edge. Use a spirit level to check the level of the surface. In case of "L" or "U" shaped countertop, start with laying the inside corner tiles first and go sideways on the front edge till the edges are covered. Start setting the back tiles in the same manner as above and allow to cure for 24 hours. Use a spirit level to check the level of the surface and **make any adjustments before epoxy hardens.** Clean the surface with a moist cloth. Use clear epoxy or blend with matching color.

5. Installing Back Splash: Sand the wall surface. Clean the wall to ensure that it is free of dust. Apply an 1/8" layer of thin-set mortar-with-latex additive or adhesive on the back of the backsplash tile using a trowel and lay it against the wall aligned with its respective tile. **Align the grout lines** to the counter top tiles and check the level with a straight edge. Use a spirit level to check the level of the surface Start setting the inside corner first and move outwards. Clean surface with clean moist cloth and allow to cure for 24 hours.

filled with matching grout. Clean the surface at the joints and grout lines to remove excessive material just as you would when installing tile.

7. Cut-out for Drop-in Sink: Mark the tiles using manufacturer's template for sink cut out on the tiles and the sub board during the dry run so that tiles can be cut individually before setting it on the counter top. ***Do not cut the tiles after setting for it may result in breakage.*** Complete the cutting using recommended tools (dry or wet saw). Never use plumber's putty or any other oil based sealant on granite counters. Clear silicone is recommended.

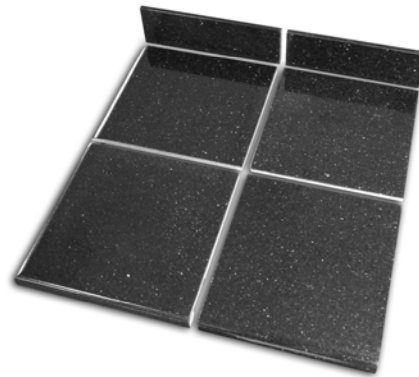
8. Sealing the Countertop: After completion of installation, the surface should be sealed to protect from water absorption. Allow the installation to dry completely for 48 hours minimum. Apply the sealer on the top surface including the grout lines generously and allow it to absorb for 10 minutes and wipe of the excess from the surface (follow manufacturers recommendation as applicable). Apply a second coat to protect against bacteria growth. This will also protect the seams against bacteria growth. Sealer should be applied every 1-2 years (depending on the usage and ware of the countertop) for preventative maintenance.

Use water-based sealer that resists water, oil and acid-based contaminants. This will simplify maintenance and does not change the appearance. Wear depends on the area of work, frequency of cleaning and type of maintenance products used.

Pedra is not responsible for any damages or breakages resulting from the installation carried out by individuals.

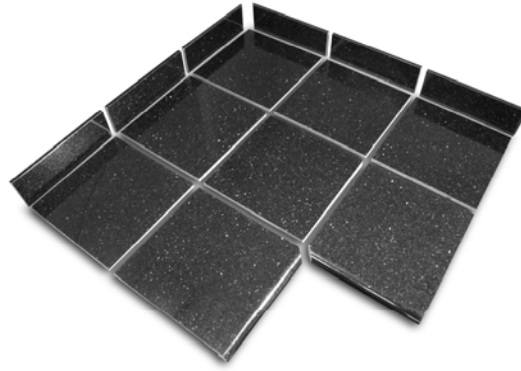
Kit Details

End Set



Item	Code	Qty	Description	Size
End Set Component List				
1	RET	1	Rear End Tile	13"x12"x1/2"
2	FET	1	Front End Tile	13"x13"x1/2"
3	RT	1	Rear Tile	12"x12"x1/2"
4	FT	1	Front Tile	12"x13"x1/2"
5	LEBS	1	Left End Back Splash	13"x4"x1/2"
6	REBS	1	Right End Back Splash	13"x4"x1/2"
7	BS	1	Back Splash	12"x4"x1/2"

Inside Corner Set 90*



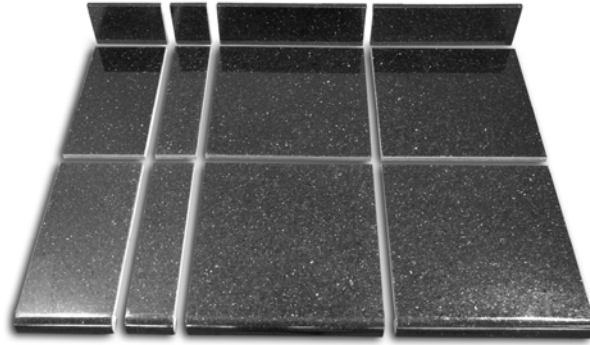
Item	Code	Qty	Description	Size
		pc's		
Inside Corner Set 90* - Component List				
1	FLCT	1	Front Left Corner Tile	12"x13"x1/2"
2	FRCT	1	Front Right Corner Tile	12"x13"x1/2"
3	RT	6	Rear Tile	12"x12"x1/2"
4	LCBS	1	Left Corner Back Splash	12"x4"x1/2"
5	RCBS	1	Right Corner Back Splash	12"x4"x1/2"
6	BS	4	Back Splash	12"x4"x1/2"

Inside Corner Set 45*



Item	Code	Qty	Description	Size
Inside Corner Set 45* x17" - Component List				
1	FCCT	1	Front Centre Corner Tile	17"x45"x1/2"
2	RT	5	Rear Tile	12"x12"x1/2"
3	BS	2	Back Splash	12"x4"x1/2"

Intermediate Set - A



Item	Code	Qty	Description	Size
		pc's		
Intermediate Set A - Component List				
1	FT	2	Front Tile	13"x12"x1/2"
2	RT	2	Rear Tile	12"x12"x1/2"
3	FFT3	1	Front Filler Tile	13"x3"x1/2"
4	RFT3	1	Rear Filler Tile	12"x3"x1/2"
5	FFT6	1	Front Filler Tile	13"x6"x1/2"
6	RFT6	1	Rear Filler Tile	12"x6"x1/2"
7	BS	2	Back Splash	12"x4"x1/2"
8	FBS3	1	Filler Back Splash	3"x4"x1/2"
9	FBS6	1	Filler Back Splash	6"x4"x1/2"

Intermediate Set - B



Item	Code	Qty	Description	Size
Intermediate Set - B Component List				
1	FT	2	Front Tile	13"x12"x1/2"
2	RT	2	Rear Tile	12"x12"x1/2"
3	BS	2	Back Splash	12"x4"x1/2"