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PRODUCT INSTALLATION GUIDE

# CRAZY PAVING




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# *Crazy Paving*

Say goodbye to the predictable rows of standard pavers and step into the captivating world of crazy paving. This unique style, crafted from irregularly shaped natural stones like travertine, sandstone, bluestone, and limestone.

If you're considering crazy paving for your pool area, finding an expert installer is crucial. For those interested in crazy paving during pool installation, we're here to help! Our master stonemason can assist you throughout the process.

*All tips and guidelines should be taken as general advice and should be used in addition to the relevant Australian standards. These tips and advice are given in good faith. In no way do these replace the service of professional contractors / consultants.*



# Installation Tips

Installing natural stone pavers requires precision and the right tools to ensure a successful installation. Here is a step-by-step guide along with a list of tools you will need:

## *Tools Required:*

- Measuring tape
- Chalk or marking tool.
- Rubber mallet or wooden block
- Level
- 12mm notch trowel
- Grout float.
- Soft brush or sponge
- Bucket
- Rubber Gloves
- Damp cloth or sponge for cleaning
- Safety glasses and gloves (recommended for handling materials and using adhesives)
- Dust mask when mixing sand and cement or adhesive and grout.



Product: Ivory Travertine Crazy Paving: @5pointprojects

## *Installation Steps*



## Preparation via Adhesive:

Assess the area where you plan to install the Crazy Pavers and ensure it is suitable for the intended purpose. If there is a existing slab and if it's in good order, you can proceed to lay the crazy paving in adhesive.

***When purchasing multiple crates of stone pavers, combine them on-site and mix them well to blend the natural colour variations. This will create a more consistent look for your installation.***

**Step 1: Lay Dry Sections** - The most common practice for DIY's is to dry lay sections, this enable to step back and have a look at what you have laid and if you are not happy you can reposition the pieces or cut with your small angle grinder to get closer grout lines.

**Step 2: Mixing Adhesive** - Once you are happy with your layout; mix you adhesive to the manufacturer's instructions. You can use your 12mm notch trowel to spread over each individual piece and the small area that the piece was lifted from. Gently position the tiles into place whilst leaving the other pieces in position so you know where the piece fits in.

**Step 3: Adjust & Clean Installation** - Give it a light tap with your mallet. Be aware that when you tap some glue might protrude out and up – give this a wash with your sponge and water so that it's not higher than the stone as this will show up through the grout. Also, use your level to get your floor to the required level or any required fall that you may need. Continue the process until you have completed your area.

**Step 4: Grouting** - Before beginning any grouting, it is recommended to wear rubber gloves. Mix up your required grout to a toothpaste consistency, meaning you can pick it up with your hand and it won't ooze through your fingers when you hold it in the palm of your hands. Use your rubber grout float slightly angled upward to use the point of the float to push the grout into your grout lines. Give it a light scrape, and flip the float onto its edge at an angle of more than 45 degrees and pull towards you angling across the grout lines. Doing it this way avoids pulling any of the grout out of the lines.

**Step 5: Washing** – When grouting, most trades use a friendly system called "Wash Boy Grout Bucket", which is available from Bunnings. This should be done throughout the grouting process to ensure no grout residue is left to harden on the surface on the tiles.

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Product: Himalayan Sandstone Crazy Paving: @5pointprojects

## *Installation Steps:*



# Preparation via Sand & Cement:

Assess the area where you plan to install the Crazy Pavers and ensure it is suitable for the intended purpose. If there is a existing slab and if its in good order, you can proceed to lay in adhesive.

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**Step 2: Mixing Adhesive** - Once you are happy with your layout start your sand & cement mixture preparation being 4 shovels white brick sand, 1 shovel of GP cement, 1 cup of bondcrete, 1 cap of plasticiser. Add water to the mix whilst turning it over with a shovel to get a consistency of where you can pick it up with your hand and it won't run through your fingers. Remove small section of your pattern with your shovel spread down a layer of sand & cement and add about 30mm in depth. Prior to positioning into the sand & cement, paint the back of the tile with a mixture of cement & water. Tap with your rubber mallet until the excess sand & cement is visible on the sides.

**Step 3: Adjust & Clean Installation** - Give it a light tap with your mallet. Use your level to get your floor level or any required fall that you may need. Be aware that when you tap some sand & cement might protrude out the sides and up through the grout line – give the sand & cement protruding through the grout lines a wash with your sponge at least 10mm down.

**Step 3: (cont.)** - The sand & cement protruding though the sides can be push down with your trowel and this can be used as part of the next area where sand & cement is added. At the end of the day when you stop tiling, make sure the sand & cement is cut away as this will be difficult to remove the next day. Continue the process until you have completed your area.

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**Note:** With crazy paving, there can be two methods of grouting. Either a pre bag grout or grouting with a sand & cement method. A sand and cement mixture for grouting will consists of 5 shovels brick sand and 1 cement. If wanting to colour the grout, an oxide can be used. Measure into a measuring cup so each mix is the same.

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Note: Sand & cement method can be used to obtain additional height and to obtain fall when needed to assist with water run. Max height suggested will be 35mm.

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# *Installation Steps:*

## Laying Crazy Paving on Walls

**For Stud Walls:**

- It's recommended to use a type of stone board for stud walls.

**For Exterior Walls:**

- Ensure the cladding is waterproofed with a product compatible with your chosen adhesive.
- Good options include Mapelastic Smart, which is a waterproofing product, and Mapei Kerabond & Isolastic which is a two-part adhesive.
- Capping the top of the cladding is recommended for exterior applications.

**Waterproofing:**

- For brick walls, waterproofing the front surface is recommended.
- For retaining walls, waterproof both the front and back surfaces. Additionally, apply a waterproofing bandage at the joint where the block meets the footing, folding it over the joint to prevent water coming through the joint.

**Adhesive Application:**

- Mix the adhesive in small batches to match your tiling speed.
- Use a 12mm notch trowel to spread your adhesive onto the wall maximum 2 pcs high and across.

**Cladding Installation:**

***When purchasing multiple crates of stone pavers, combine them on-site and mix them well to blend the natural colour variations. This will create a more consistent look for your installation.***

**Step 1: Secure Cladding/Crazy Paving Placement** - Holding your cladding & gently push and twist each piece of cladding to ensure proper adhesion.

**Step 2: Progress Piece By Piece** - Work to a suitable height across the entire project. 500-600mm high.

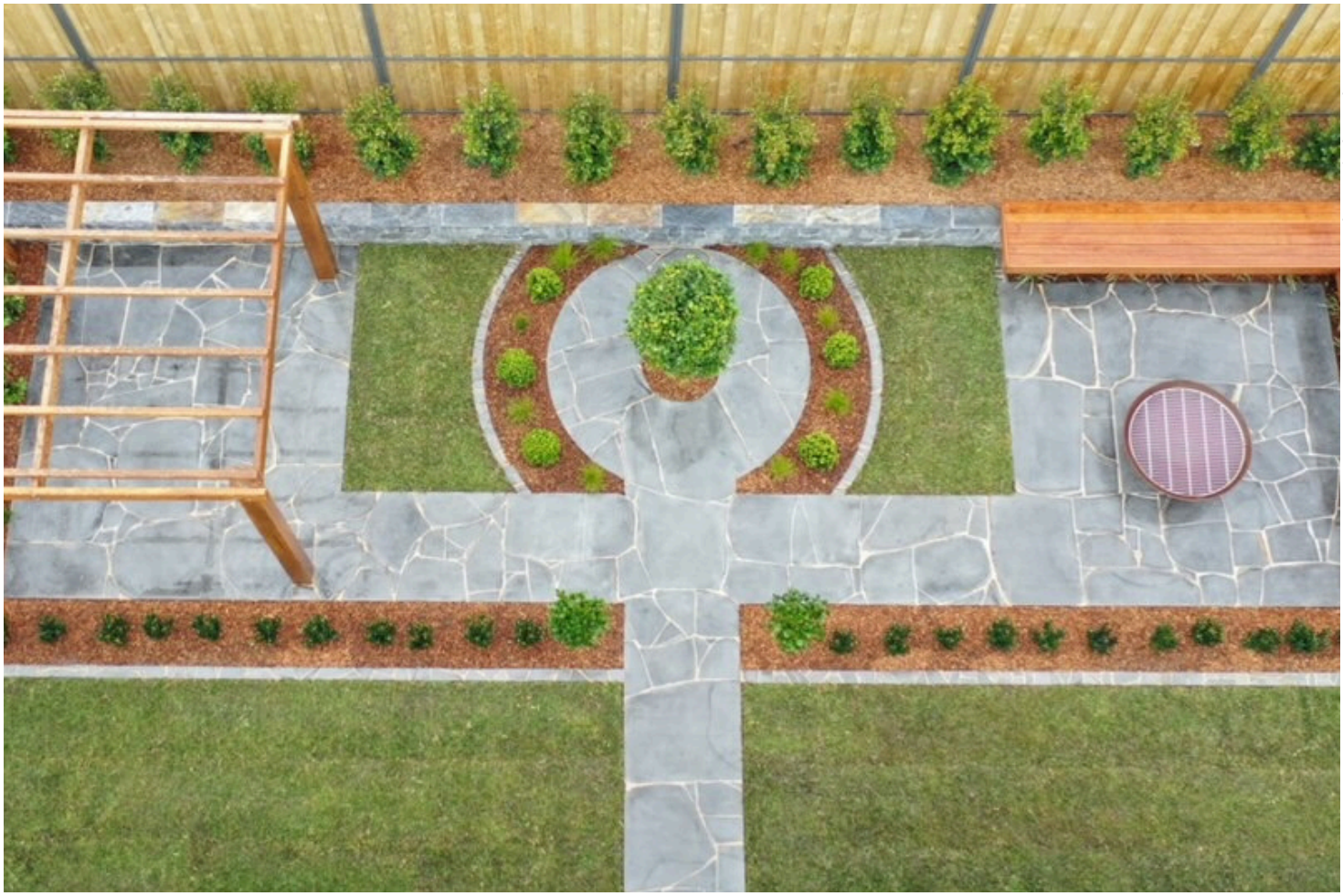
**Step 3: Under the bottom pieces**- For the bottom row, maintain a 5mm gap under the bottom pieces using small wedges to allow for any movement.

**Step 4: Start The Second Row -** Once the bottom row is complete, begin securing and placing each cladding into the second row.

**Step 5: Secure & Dry Every 1.8 Metres High** - Mechanically fix the next row to the wall using screws to drill into the grout line to hold each individual piece at or about 1.8 high. Making sure that the screw doesn't protrude out of the stone. Ideally about 10mm under the face. Allow 24 hours for drying before continuing.

**Note**: Good tiling practice is to begin from the bottom row. Sealing is recommended as this will stop water penetrating into the natural stone & increasing the weight.

A penetrating sealer is highly recommended.



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## *Curing and Cleaning:*

Allow approximately 5 days for pavers laid in adhesive or 2 weeks for pavers laid in sand and cement to cure before proceeding with cleaning and sealing.

Clean the crazy paving using a mild detergent and water, scrubbing gently with a high pressure cleaner to remove any remaining grout residue or stains.

Rinse thoroughly with clean water to ensure all cleaning agents are removed.

## *Sealing (if required):*

Depending on the type of natural stone and desired level of protection, consider applying a suitable sealer to enhance the appearance and provide additional durability.

Follow the manufacturer's instructions for the specific sealer, applying it evenly and allowing it to dry completely before use.

Remember to always refer to the manufacturer's guidelines for the specific natural stone pavers you are installing, as recommendations may vary. Following these steps and adhering to the directions on adhesive, grout, and sealer products will help ensure a successful and professional-looking installation of your natural stone paving.





Product: Travertine Crazy Paving @5pointprojects

# *Maintenance & Cleaning*

Like any surface, stone will require a degree of maintenance. The correct sealing from the start is the key to minimal maintenance.

Heavily tracked areas will require more maintenance than those that are seldom used. The main maintenance regime required for stone is regular sweeping and vacuuming.

The use of abrasive, acidic or alkali household detergents should be avoided, as they can remove the tiles surface sealant or in extreme cases damage stone.

Please note: acidic cleaners should not be used, unless professionally recommended.

Always use accredited sealers and cleaners:

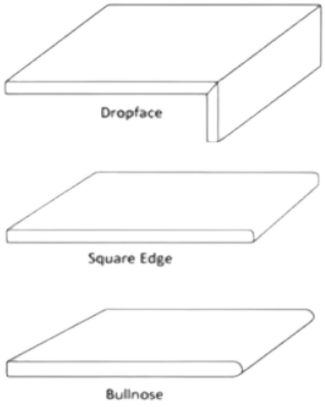
*Check with the team at Stone & Slate Discounts for a recommended sealer for your project.*

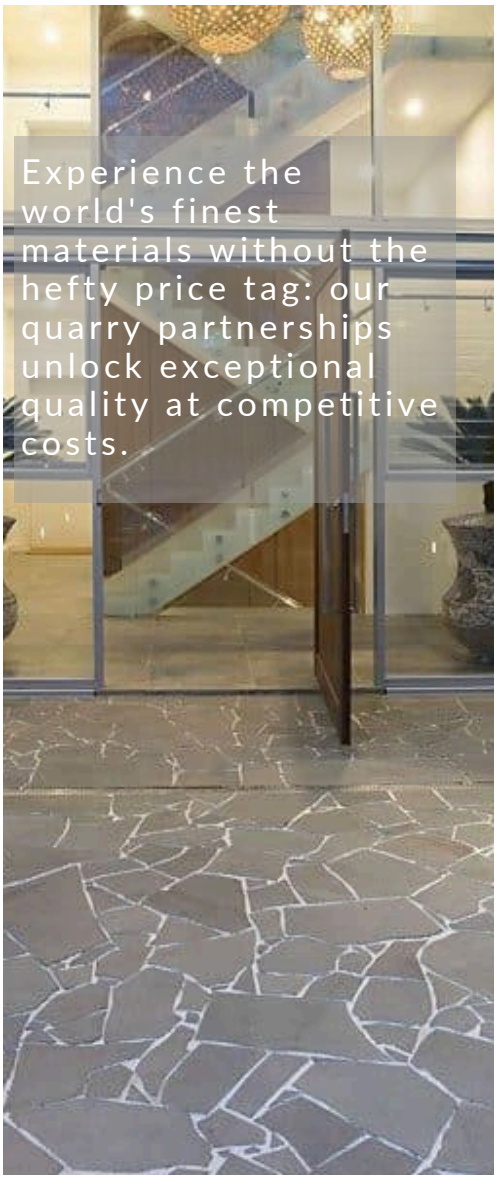
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## Edge Profiles

Here are few of the popular pool coping styles we stock: Drop Face Pool Coping, Bullnose Pool Coping & Tumbled Pool Coping.




## Product Features

- Durable
- Non-Slip
- Outdoor
- Low Heat Absorption
- Low Maintenance
- Project Sizes Available

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