

Bracket Installation

BEFORE YOU START: IMPORTANT RULES

- Ensure all concrete slopes away from the building.
- This bracket/channel system must not be used as the primary drainage outlet.
- The channel must be installed a minimum of 280mm from the building's foundation, with 300mm being the optimum distance.
- Drainage stone beneath the channel is recommended for best performance.

1

Ground Prep: Battering, Boxing & Height Setup

Start by battering (sloping) the ground back and boxing out your area.

When compacting the ground, ensure that all M12 bolts cast into the concrete have at least 50mm of concrete surrounding them. Slope your compacted base to allow for that clearance.

Set up your boxing to match the finished floor level. Position your boxing a minimum of 280mm and a maximum of 300mm (optimum) from the cladding (this includes the 12mm gap off cladding). This allows for:

- A 12mm gap between the decking and cladding
- Two 140mm decking boards
- Plus any spacing you desire between boards and the concrete



What you'll need:

- EvenEntry Bracket
- H3/H4 outdoor timber (we recommend 75x50mm H4)
- Your chosen decking boards

Spacing (NZS 3604 Building Code):

- 20mm decking: brackets at 450mm centres max
- 32mm decking: brackets at 600mm centres max

These spacing choices will affect your screw pattern, so plan it nicely for a tidy finish.

Marking Out:

1. Lay out all components (bracket, timber, decking) on a flat surface.
2. Stack them together to measure your total height.
3. Use a set square to mark the centre point for your M12 bolts on the boxing.
4. Once laid out evenly, drill your marks using a 16mm spade bit.



Installing the Bolts (Before Concrete Pour)

You'll need:

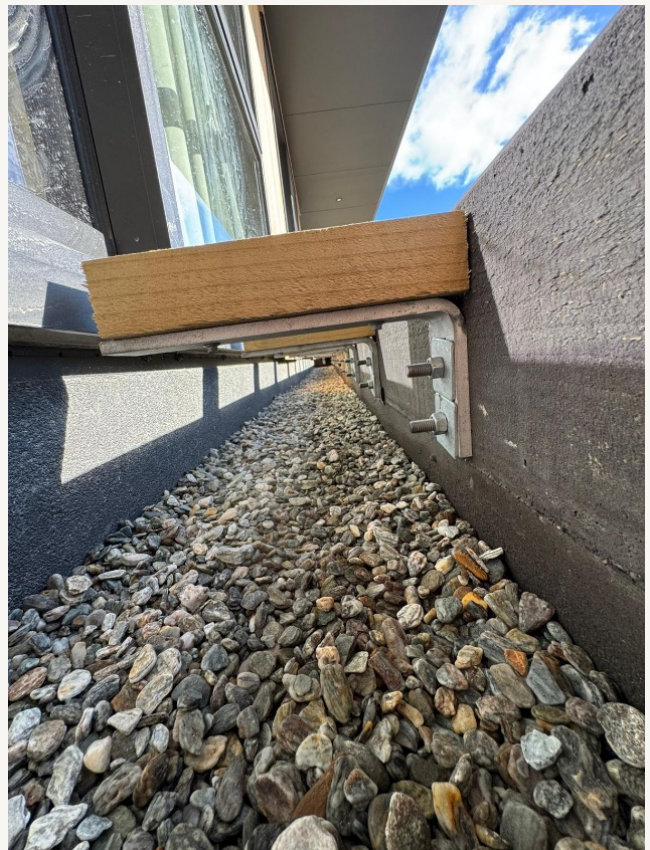
- M12 cup head bolts
- Square washers
- Circular washers
- Nuts

Install your bolts through the boxing:

1. The cup head bolt anchors into the concrete.
2. Inside the boxing: place a square washer hard up against the timber and lock it in with a nut.
3. On the outer side: use a circular or square washer and another nut.

This sandwiches the bolt securely into place, ready for the concrete pour.

Ensure the bolt thread extends a minimum of 25mm beyond your desired boxing thickness, providing sufficient thread to securely fix the EvenEntry bracket in place.



Bracket Installation (Post-Concrete)

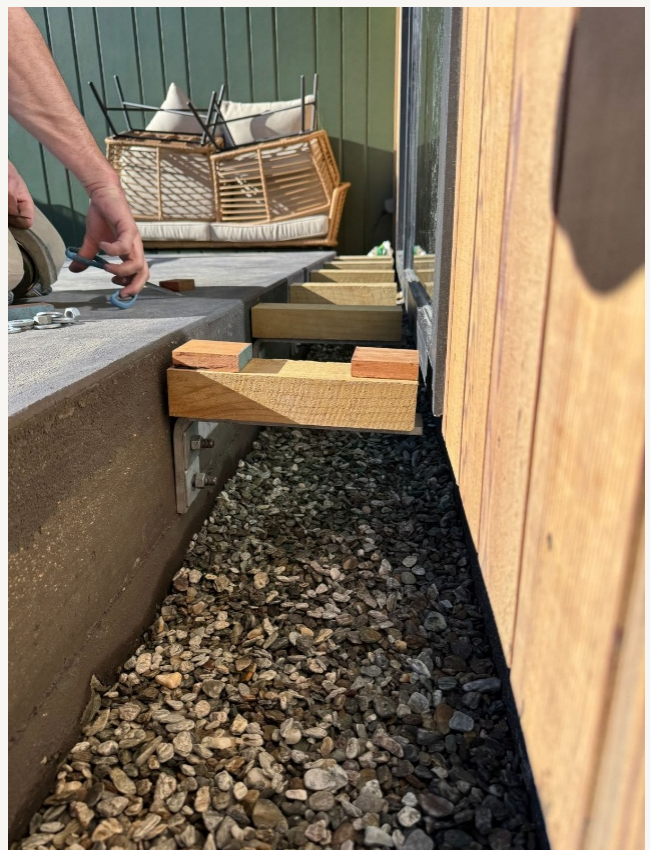
Once the concrete is cured and the boxing is removed:

1. Staple the DPC supplied to the underside of the H3/H4 timber.
2. Screw your H3/H4 timber into the underside of the bracket using 35mm galvanised TEK screws.
3. Slot the bracket over the M12 bolts protruding from the concrete.
4. Secure with circular washers and nuts.

TIP: Place two offcuts of your decking board on top of each end to make sure the bracket sits at the right height, flush with the concrete and door threshold.

For fine adjustments:

- We've supplied a range of **circular washer thicknesses** to help pack and level your EvenEntry bracket if the concrete isn't quite where it needs to be. You can also use **plastic H-packers or bituminous DPC** as required.
- An impact driver makes the job quicker. but a standard socket set works iust fine too.



5

Lay Your Decking

You're now ready to install your decking boards:

- Maintain a 12mm gap between the decking and any cladding or joinery.
- Align and space your boards evenly.

Now step back and enjoy the clean, seamless look your EvenEntry Bracket system provides!



IMPORTANT:

Even Entry must be installed strictly in accordance with the current Even Entry Installation Guide, product specifications and applicable building requirements. The Even Entry Bracket System is a component of the overall building and deck construction and does not replace project-specific design, engineering, drainage, waterproofing or Building Code requirements. The installer and relevant design professionals are responsible for confirming the suitability of the system for the specific project, site conditions and intended use. Where site conditions or proposed construction differ from the published installation requirements, contact Even Entry before installation.