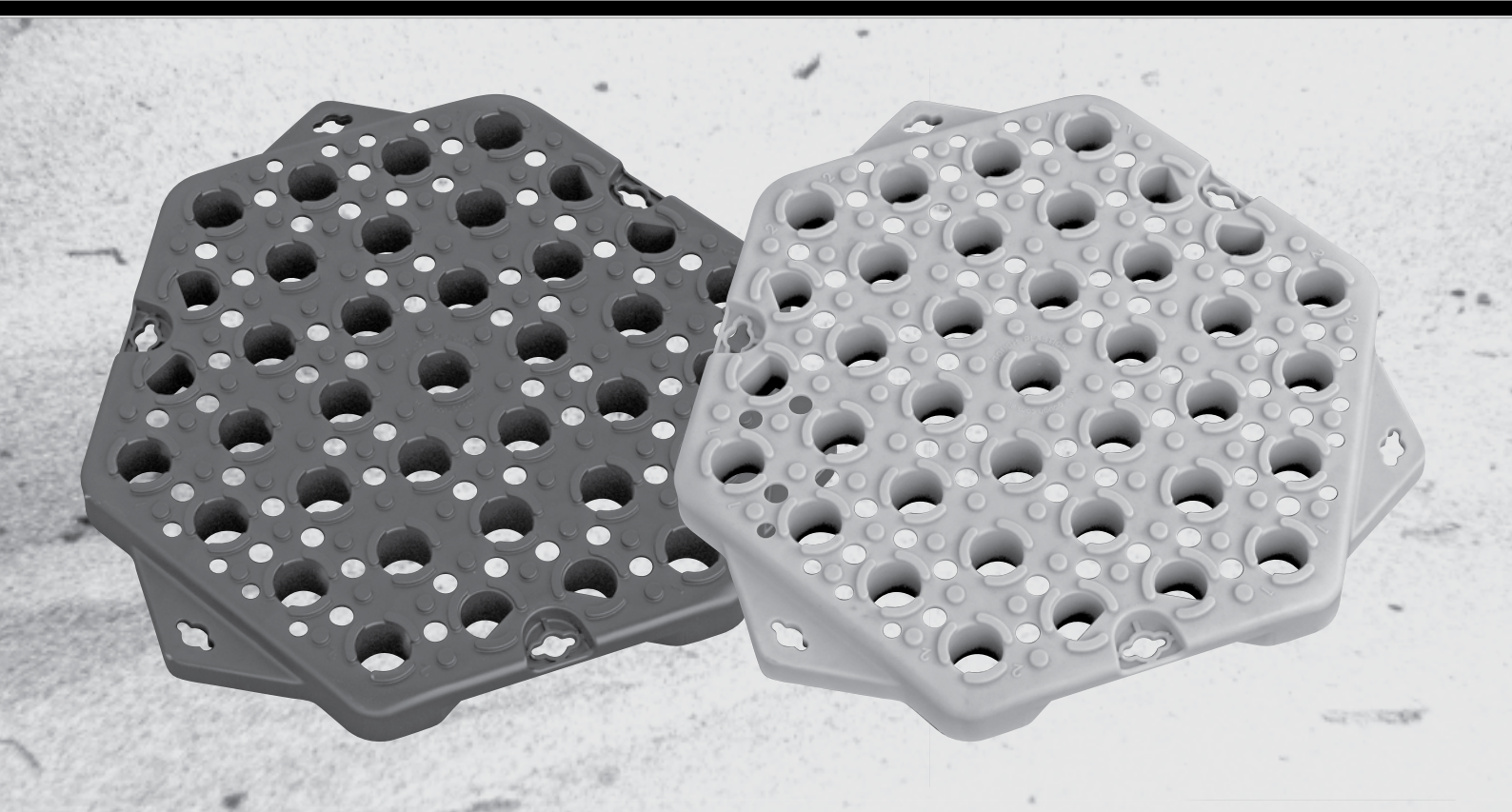


INSTALLATION MANUAL



GOUGH PLASTICS FREECALL 1800 069 805 www.gough.com.au



INSTALLATION MANUAL

TOOL LIST

INSTALLATION TOOL LIST

1. Tool belt with;
 - * claw hammer
 - * small - med flat screwdriver
 - * 15mm socket with T handle sliding drive, **NOT** ratchet
 - * small hand-held shovel (i.e. tiny gardening one)
2. Pins bucket
3. Gloves
4. Hand saw or power saw
5. Generator, electrical lead, saw horse and sliding clamp
6. Wheelbarrow and/or quad bike and trailer
7. Shovel or mini-excavator with rotatable bucket
8. Concreter's long handled screed/aluminium placer

<http://www.imprinted-concrete-tools.com/Concrete-Placement/Lightweight-Aluminium-Concrete-Placer/flypage.tpl.html?pop=0>

9. Have a 'Smart Tool Level' to help get the gradient correct, with a digital readout and have it on a 1.2m L level

<http://www.cmiindustries.com.au/tools.html>

SAFETY

- When cutting plastic pads, please use appropriate PPE

ENVIRONMENT

- When cutting plastic pads, please use a drop sheet

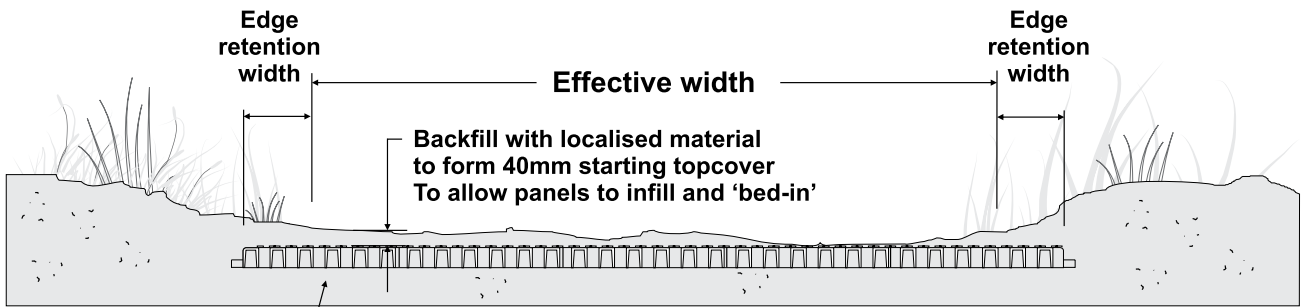
INSTALLATION



'SUITABLE' INSTALLATION SITE

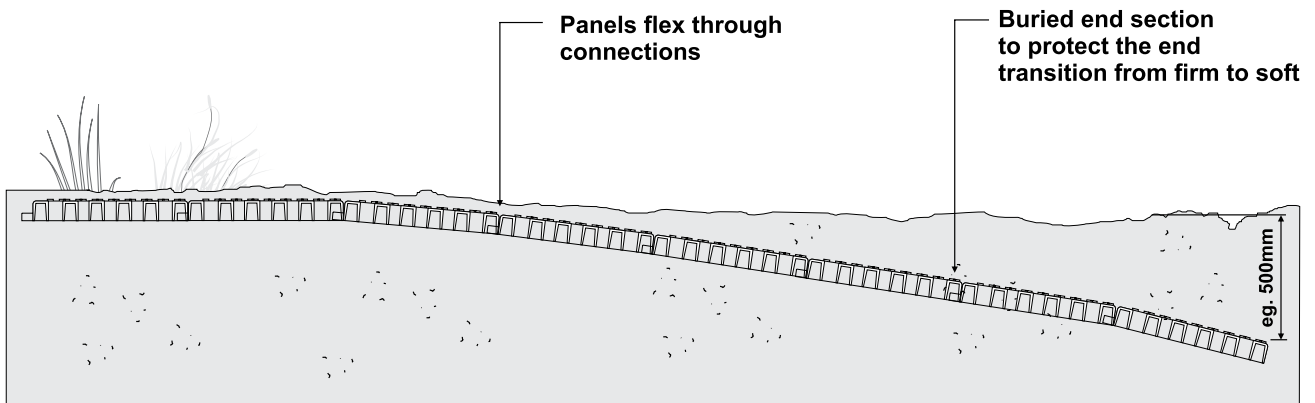


EXAMPLE INSTALLATION



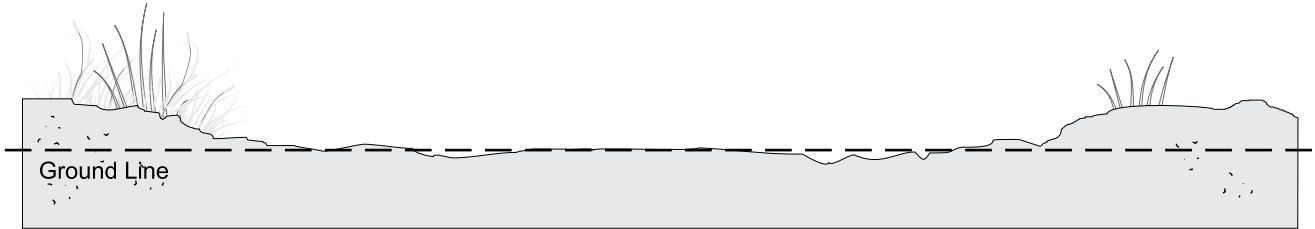
- Inground installation:**
- maximises soil retention
 - slows water flow to minimise erosion.
 - reduces exposure to the elements
 - preserves naturally pleasing aesthetic.

END-ON CROSS-SECTION

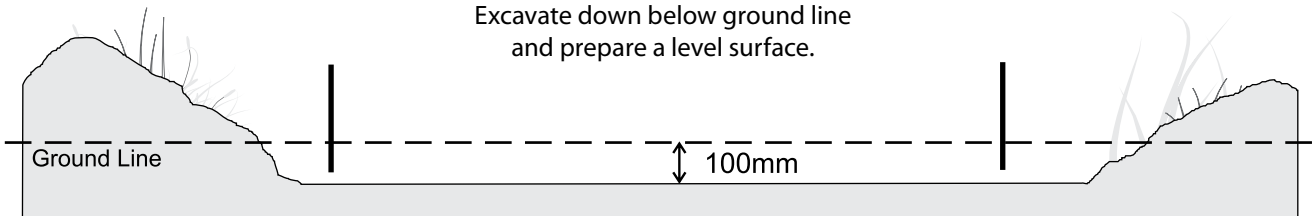


SIDE CROSS-SECTION

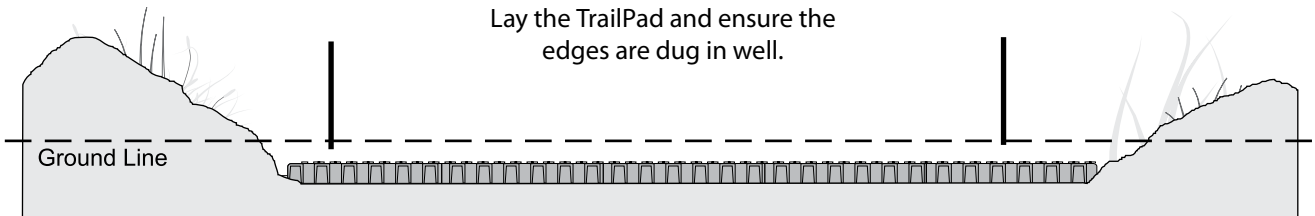
PROCEDURE SUMMARY



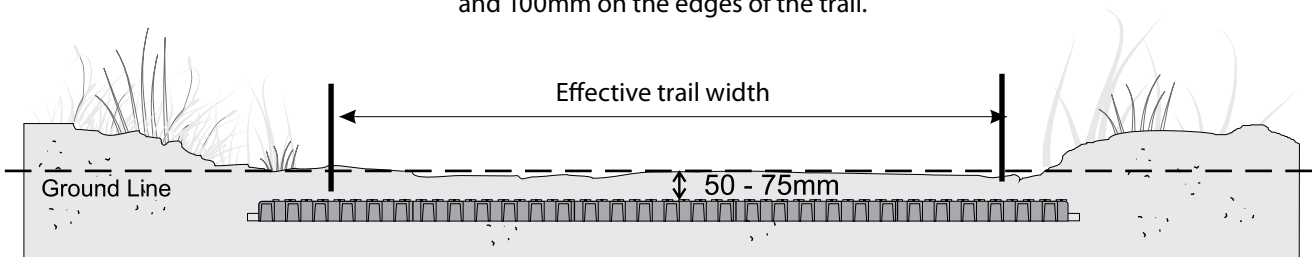
Excavate down below ground line and prepare a level surface.



Lay the TrailPad and ensure the edges are dug in well.



Backfill with 50-75mm of soil on top of the trail and 100mm on the edges of the trail.



The backfill/topcover is critical to allow the soil to settle and compact into the panels in the ensuing weeks.

INSTALLATION PROCEDURE

PREPARING THE FOUNDATION

1. Use a mini-excavator with an adjustable head bucket to create a FLAT foundation surface.
* If using a rubber tracked mini-excavator, use it to 'bed in' the panels, i.e. into the sand foundation then back fill over the top of that.
2. Have a person following the mini-excavator along in the first place. Use an "aluminium placer", i.e. concreter's screed, the hand-held via long shovel type handle version.



3. On long curves, continue laying in straight lines - DO NOT try to follow the curve of the trail unless you can do it at full width. The danger here is that if you don't do it at full width, you won't be able to get the single pads installed on the inner or outer parts of the trail, i.e. too narrow or wide a gap.



INSTALLATION PROCEDURE

4. COMPLETE the TrailPad 'front' as you go along. Do not have huge advances along the track without filling in the single panels first as you may not be able to get them in. Use your hammer to drive the pin in when the panel hole alignment is not perfect.

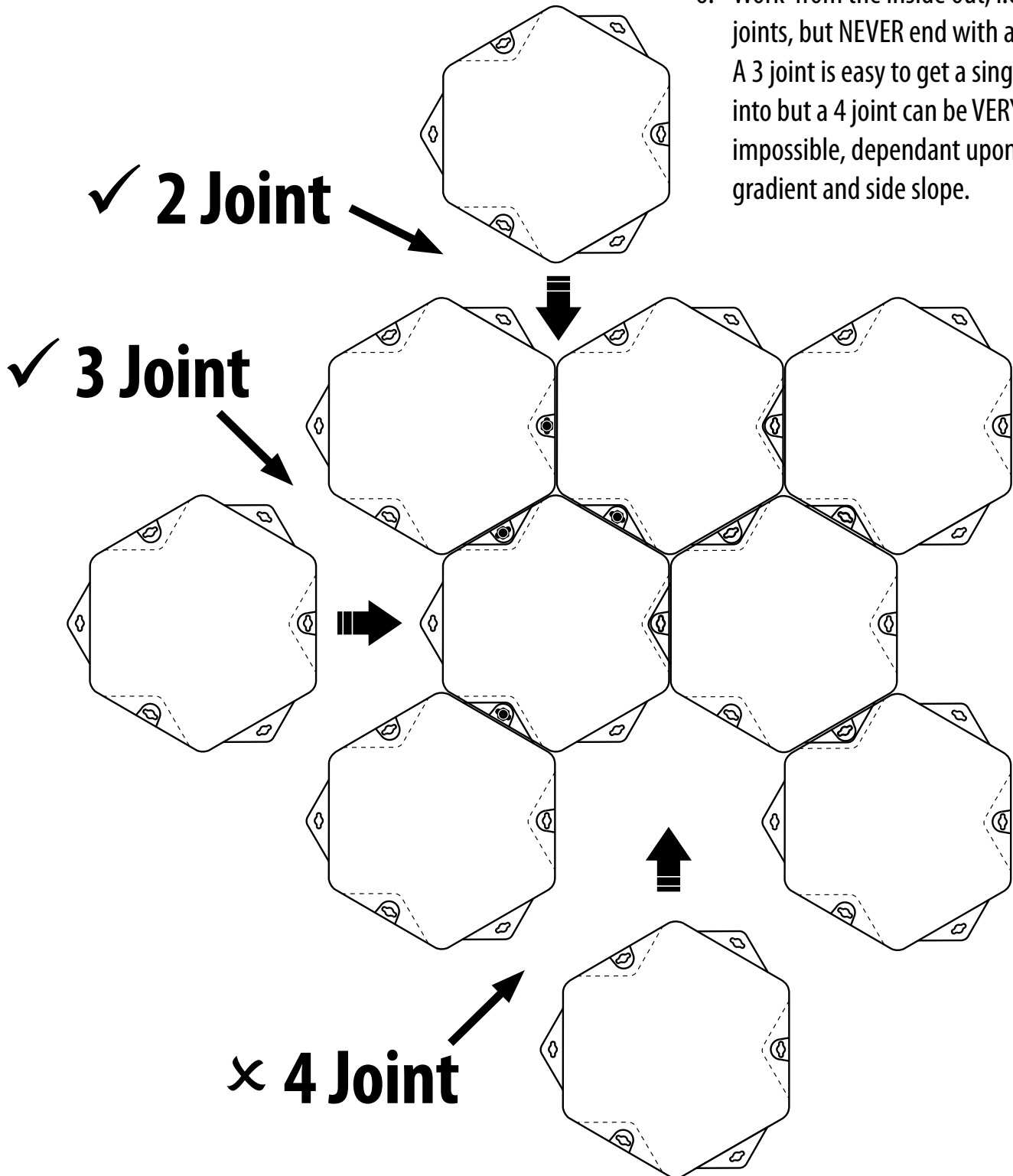


5. Pre-assemblies are good but are track dependant, i.e. you can pre-assemble on a large flat surface at the trail head (a) rectangular sections of 4 W x 8 L, or (b) a parallelogram of 3 W x 8 L, or (c) 'flowers' of 7 will need to have 2 added to one end to form an 'arrow shape'.

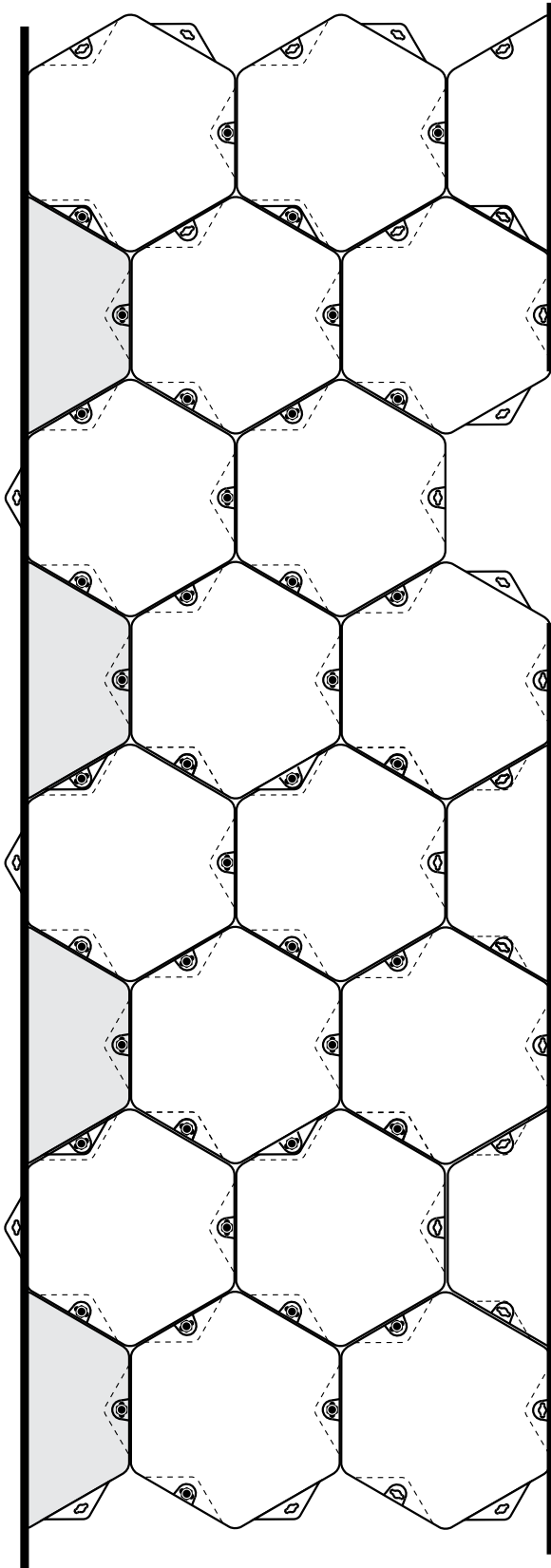


INSTALLATION PROCEDURE

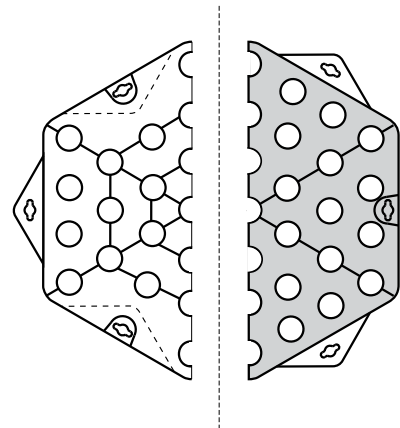
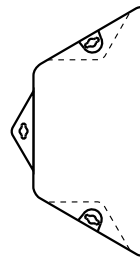
6. Work from the inside out, i.e. 2 or 3 joints, but NEVER end with a 4 joint. A 3 joint is easy to get a single panel into but a 4 joint can be VERY HARD/ impossible, dependant upon the gradient and side slope.



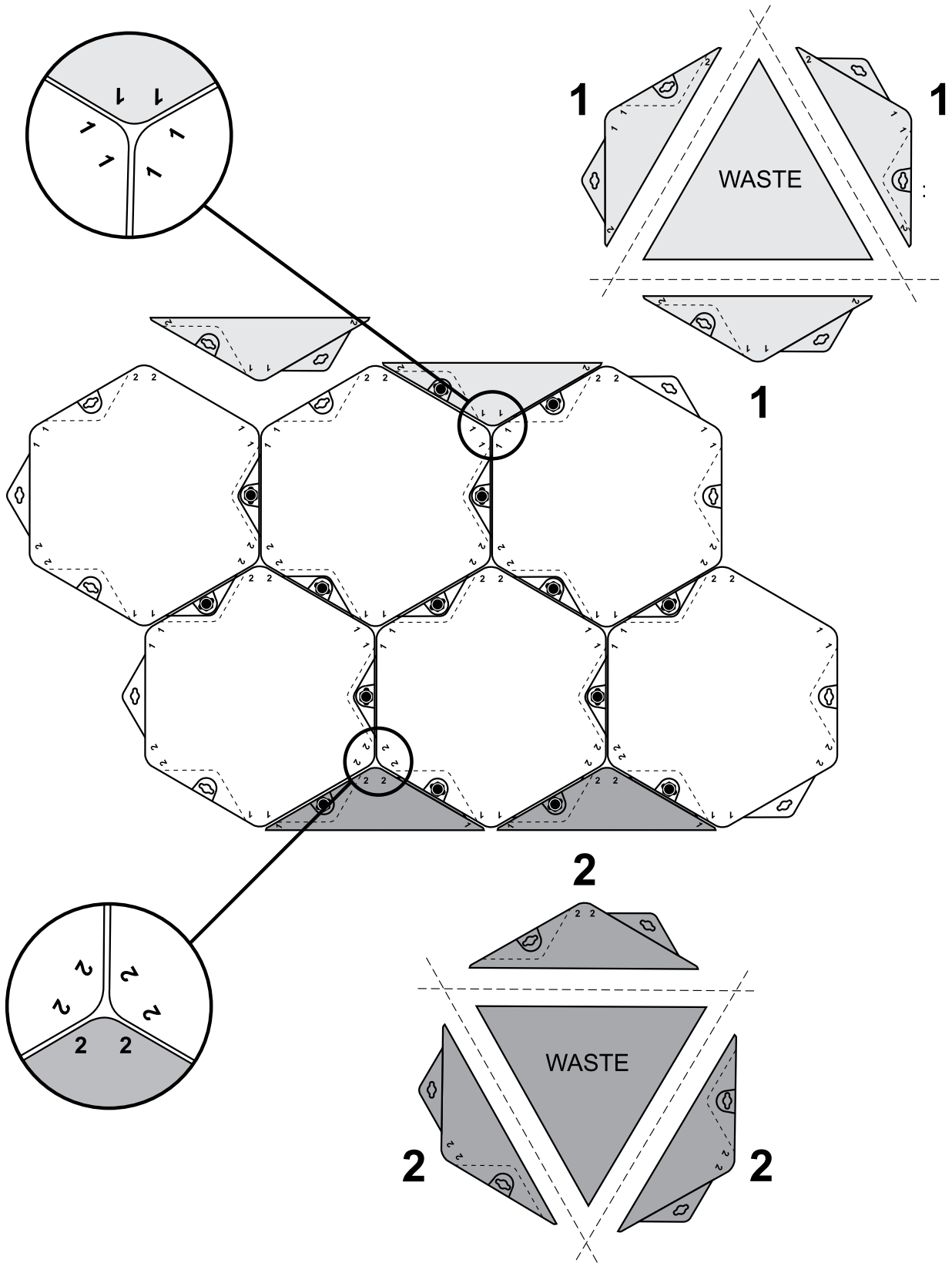
INSTALLATION PROCEDURE



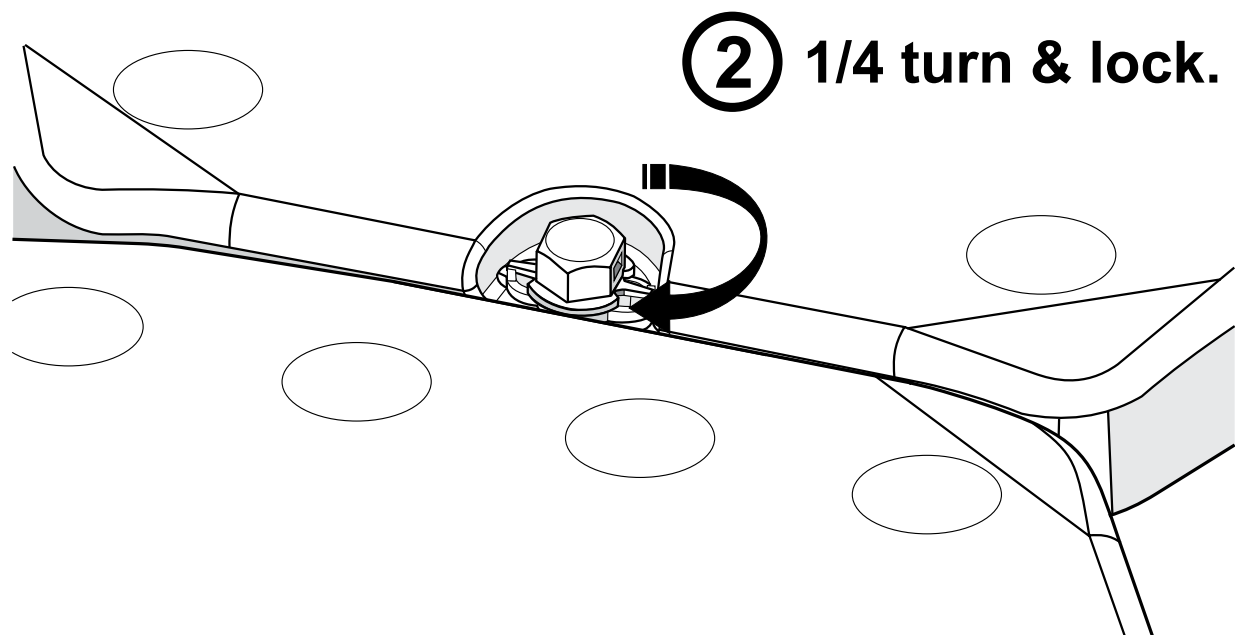
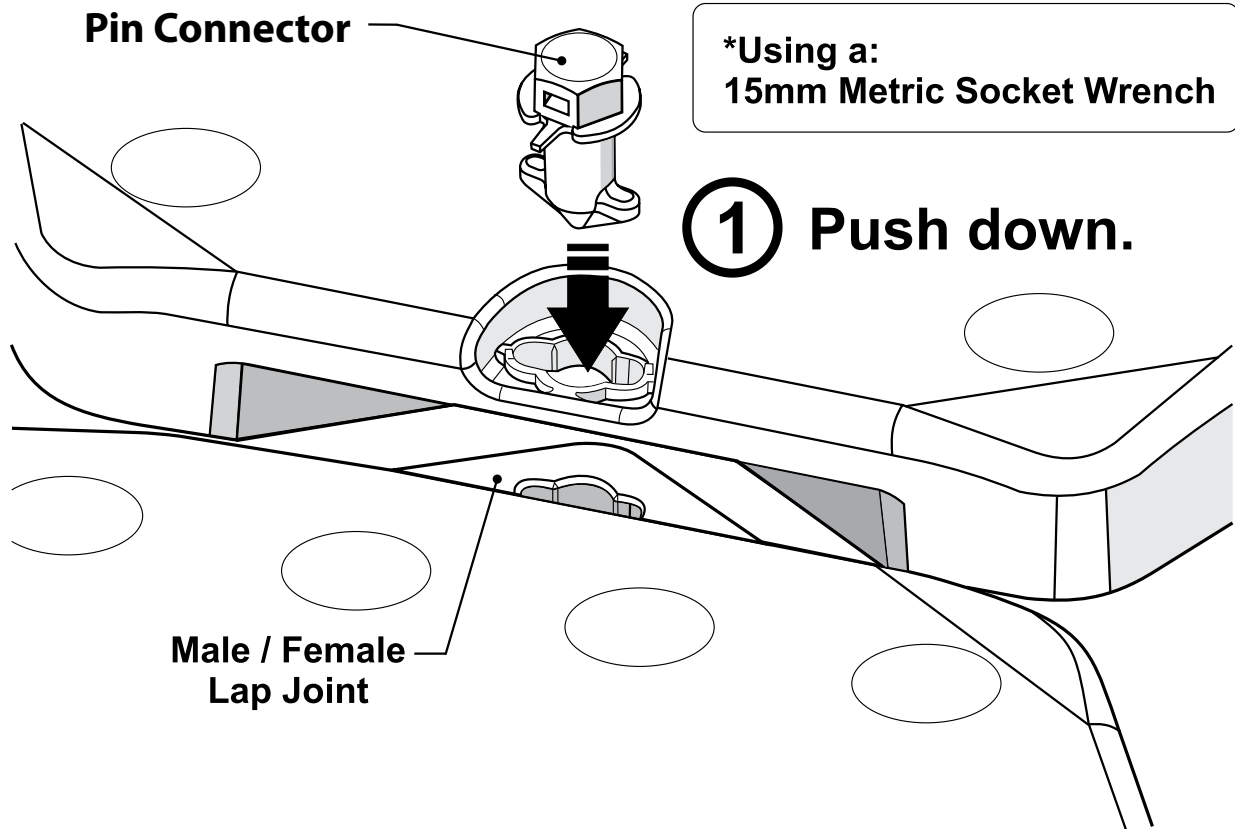
7. When cutting the pads to make ½ width sections or 1-1 or 2-2's, turn them upside down. It is easier to ensure you cut beside the centre line, not in/through it.



INSTALLATION PROCEDURE

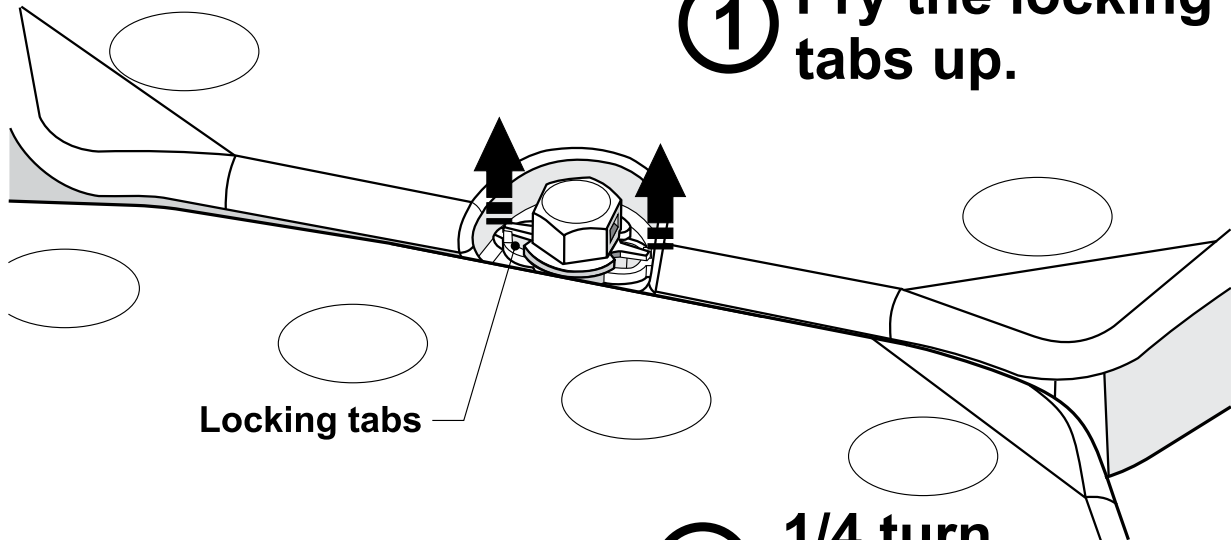


CONNECTING PANELS

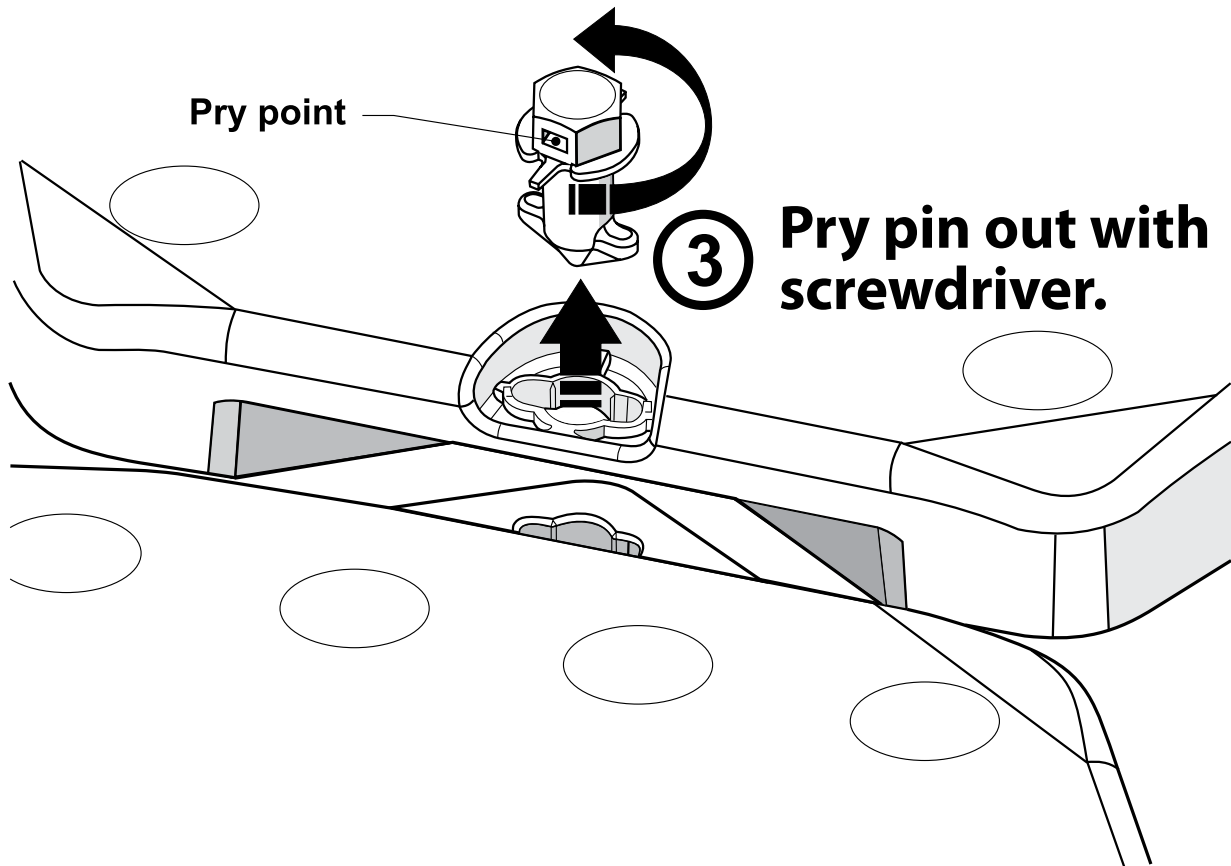


DISCONNECTING PANELS

① Pry the locking tabs up.

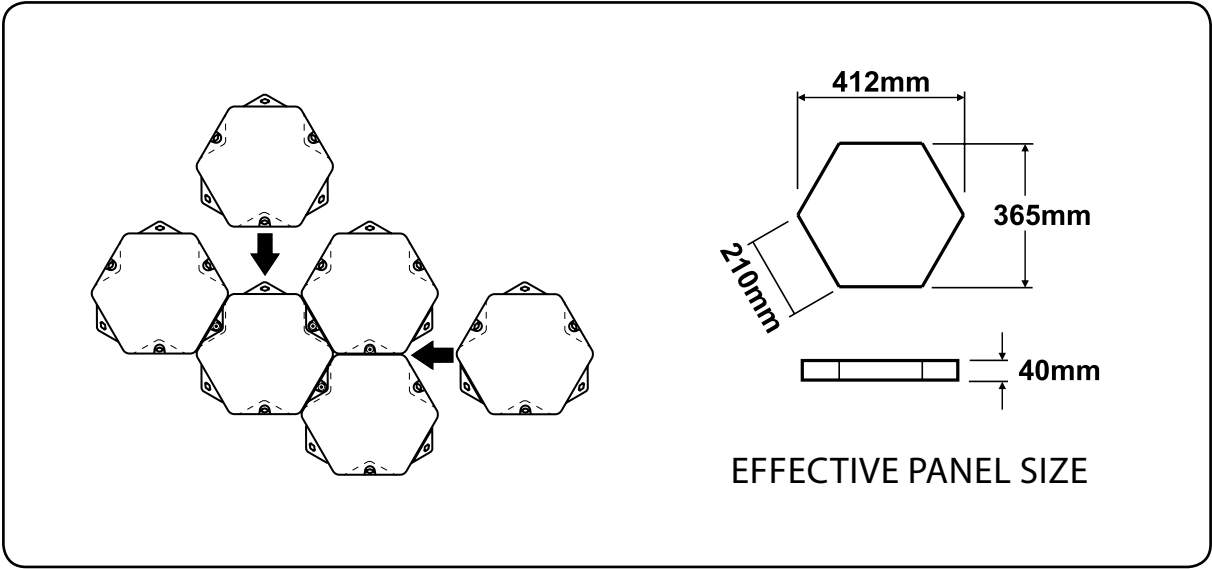


② 1/4 turn anti-clockwise



③ Pry pin out with screwdriver.

QUICK REFERENCE CHART



<p>PANEL DETAILS: Panel weight: Coverage: Tread depth: Void volume: Colour: Panel material: Manufactured in:</p>	<p>1kg 8.62 panels/m² 3mm 73% sub-surface void space Virgin plastic = Birch and other colours on request 100% recycled plastic = black U.V. stabilised polypropylene Australia</p>
<p>PIN DETAILS: ¼ Turn pin size: ¼ Turn pin material:</p>	<p>Diameter: 12mm Length: 37mm Fits 15mm metric socket U.V. stabilised nylon</p>
<p>FREIGHT: *No. of panels/pallet Pallet dimensions: Pallet weight:</p>	<p>*250 panels 1.2m x 1.2m x 1.8m 250kg *Pack sizes can be changed to suit customer's requirements. Designed for pedestrian use only. Not intended for vehicular traffic.</p>