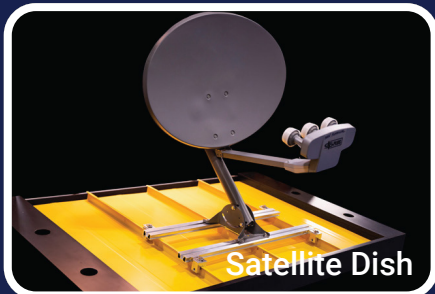
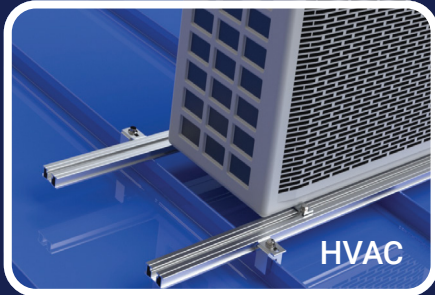


**S-5!**<sup>®</sup>  
The Right Way!\*

The right way to attach almost anything to metal roofs!



And More!

**POLYPLAS**

Don't damage your roof.

**GRIPPERFIX it!**

Maintain roof warranties, avoid destructive corrosion and build a system to last the life of the roof, with the GRIPPERFIX System. Exclusively distributed by Polyplas throughout Australia & New Zealand.

Stop mounting rooftop ancillary items using concrete blocks for ballast. GRIPPERFIX ensures a secure and dependable attachment solution - with no penetration of standing seam roof required. Our system is quick and simple to install and helps preserve the integrity of your metal roof.

The universal GRIPPERFIX System makes mounting almost anything on standing seam and exposed fastener roof profiles a cinch!



What Do You Need to  
**Attach to Your Metal Roof?**

## FEATURES AND BENEFITS

- No penetration of standing seam roof
- No field-applied sealants needed
- Ease of installation
- Eliminates corrosion and rust
- No damage to roof system
- Free flow of rainwater under struts
- Lower cost than all the wrong ways!



0481 731 625



3 Corporate Ave, Rowville,  
Victoria, 3178, Australia



Gripperfix@polyplas.au  
www.polyplas.com.au

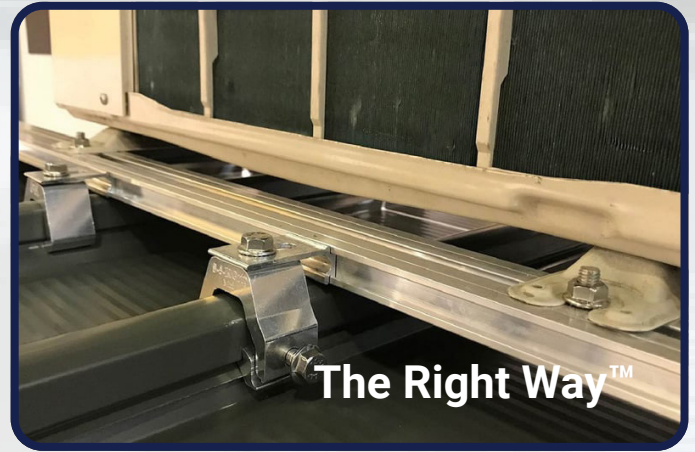
## Site Installation

- Location: Bayswater, Melbourne
- Kit Used: Gripperfix2 - 1200
- Kits Required: 2
- Roof Profile: Kliplok
- Benefit of Install: No extra penetration required, In turn maintains roof warranty, Secure connection to roof (no strapping required), Lifetime warranty on components.





# Standing Seam Roof Components

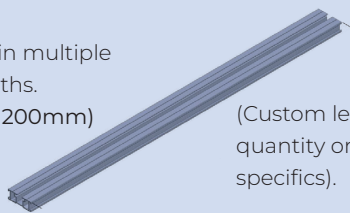


Standing seam profiles provide a durable and maintenance-free roof solution for decades. But the lifespan is significantly reduced when inferior rooftop mounting is performed. A perfect roof should first and foremost function as a roof and not as an equipment platform. But it is often convenient and necessary to attach rooftop ancillaries like a satellite dish or HVAC unit. Don't compromise warranties or safety – mount them The Right Way!™

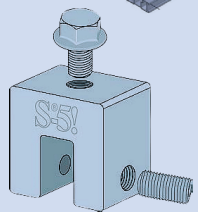
GRIPPERFIX simplifies utility attachment with patented, non-penetrating clamp technology. Avoid damaging your roof. Choose a safe and cost-effective rooftop attachment system that requires only the strut, clamps, and CF Tabs. Just slide the tabs into the strut and attach to the top of the clamp with stainless bolts (provided). Gripperfix has made it easy and affordable - The Right Way!™.

## Gripper Strut

Available in multiple stocklengths. (300,600,1200mm)

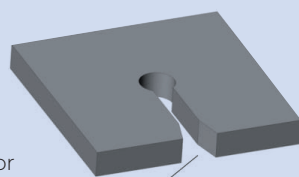


(Custom lengths available on quantity orders. Call for specifics).



Appropriate clamp will be provided with the selected kit.

### Damper/Leveling Pad (HVAC applications)

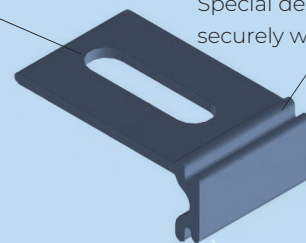


Keyhole slot for insertion over bolts

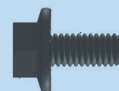
### CF Tab

Slotted hole for adjustment

Special design interlocks securely with strut



M8 1.25 x 16, 20, 40 mm Bolt

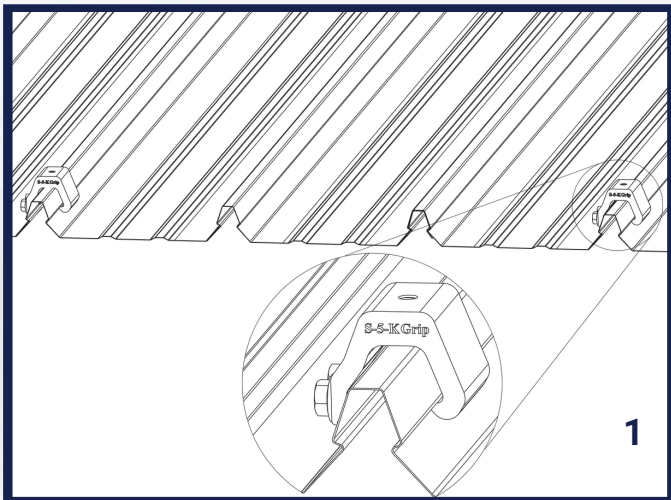


M8 Hex Flange Nuts



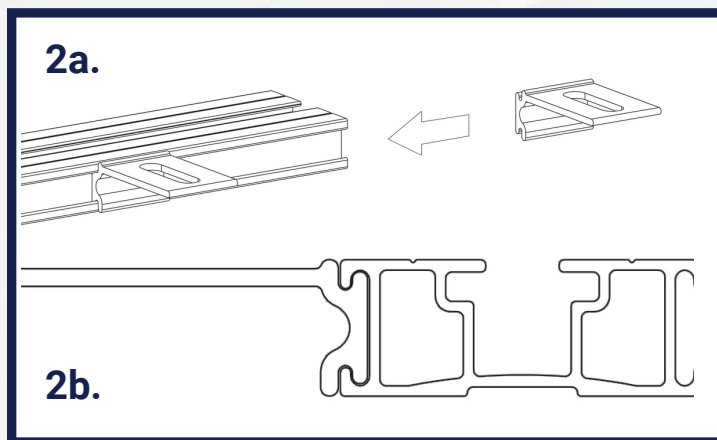
# Installation Instructions

## To Install Gripperfix On Concealed Fix

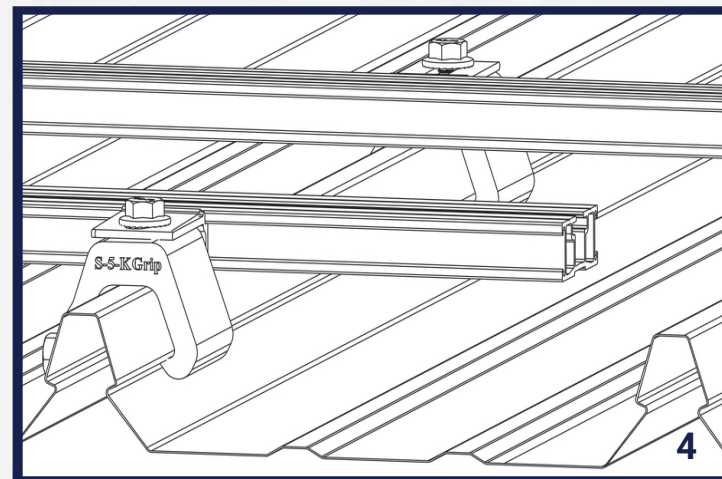
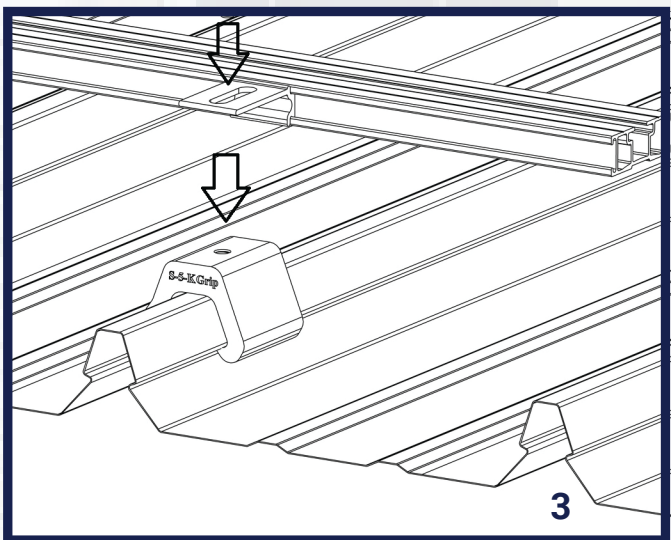


**1. Install the first two clamps:** install the first two clamps at the desired location to secure the downslope GRIPPERFIX Strut. (Please see installation instructions provided with clamps for specifics on clamp installation.)

**2. Slide Concealed fix tabs (CF) into channel of GRIPPERFIX Strut:** Slide two tabs into the channel as shown in (Fig 2a). Be sure that the surface with slotted hole is oriented upward. (Fig2b).



**3. Attach the GRIPPERFIX Strut to the clamps:** Slide the the Tabs into position over the clamps so the slotted holes align with the bolt holes in the clamps and the GRIPPERFIX Strut rests on the ribs or seams of the roof (**Fig. 3**). Using M8 x16 mm bolt (provided with clamp), secure the tabs to the clamps, anchoring the Strut into place.



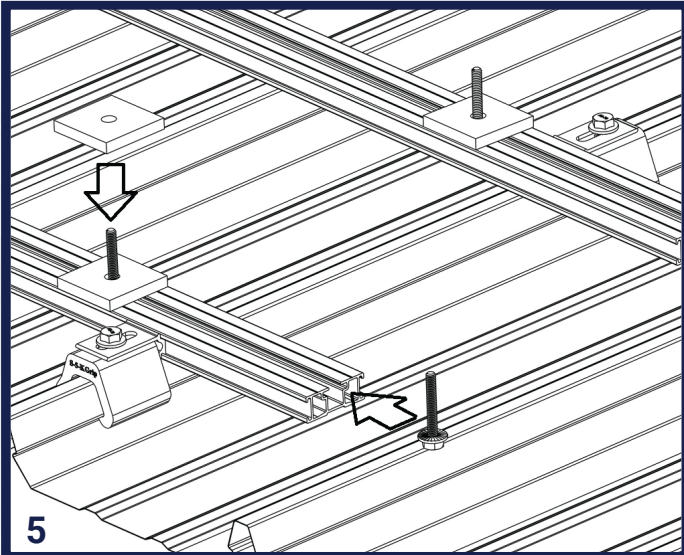
**4. Repeat the above procedure for the second Strut:** You may wish to leave the bolts finger tight, so final adjustments can be made as the condenser unit is mounted to the struts. (**Fig. 4**).

**Note:** Clamps to be installed to the outside of the rails as per image above



## Installation Instructions

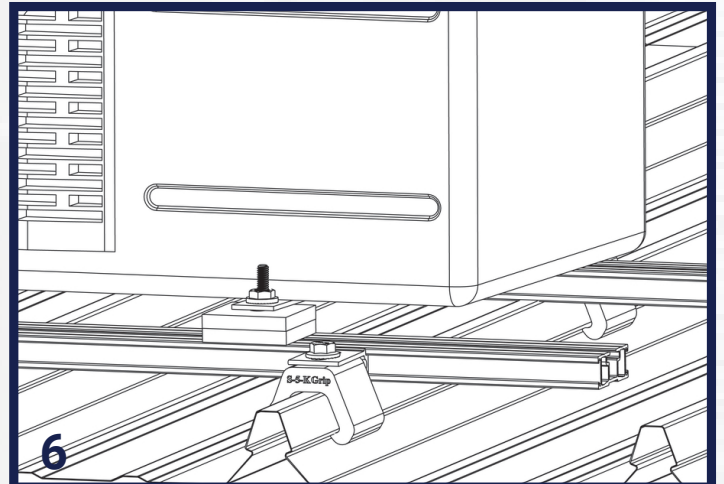
### To Install Gripperfix On Concealed Fix



**Note:** Clamps to be installed to the outside of the rails as per image above

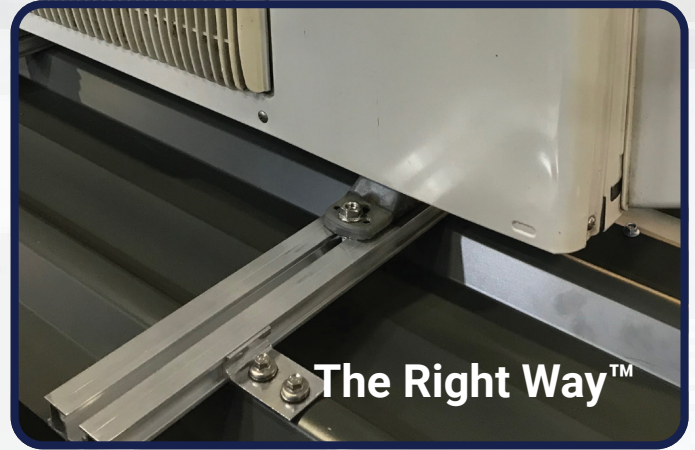
**6. Place condenser unit mounting holes over M8-1.25 x 40 mm Bolts atop Damper Pads and Fix to GRIPPERFIX Strut:** Some adjustment of the M8-1.25 x 40 mm Bolts & Damper Pads may be necessary to align with mounting holes of condenser unit.

**Additional Damper Pads can be added to the downslope mounting locations to level the condenser unit if necessary.** Place the mounting holes on the feet of the condenser unit over the M8-1.25 x 40 mm bolts. Tighten the provided nuts onto the bolts. Check and tighten any remaining hardware. **(Fig. 6) Optional Step:** After the tabs have been bolted to the clamps, a pair of pliers can be used to crimp the channel on either side of each tab to prevent lateral migration.



**Note:** Clamps to be installed to the outside of the rails as per image above

## Exposed-Fastened Roof Components

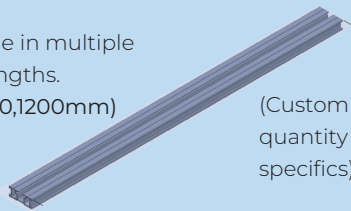


Improperly installing utilities on a metal roof can compromise both the equipment as well as the integrity of the roof itself. Long-term solutions demand long-term and durable attachment methods. GRIPPERFIX is a perfect fix for installing HVAC, satellite dishes, light fixtures, conduit, service walkways and other rooftop utilities.

Securely attach to an exposed-fastened roof while still allowing free flow of rainwater under the system. All you need is the GRIPPERFIX Strut, S-5! self-piercing fasteners, and EF Tabs. M8 bolts in three different lengths (1.25 x 16, 20, and 40 mm) are also available to use with the damper/leveling pad. Slide the tabs into the strut, and then fasten to the roof ribs. The result: an affordable, secure, rust-free, and long-lasting metal rooftop mount.

### Gripper Strut

Available in multiple stocklengths.  
(300,600,1200mm)



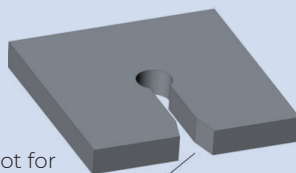
(Custom lengths available on quantity orders. Call for specifics).

M8 1.25 x 16, 20, 40 mm Bolt



M8 Hex Flange Nuts

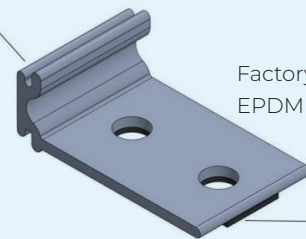
Damper/Leveling Pad  
(HVAC applications)



Keyhole slot for insertion over bolts

EF Tab

Special design interlocks securely with strut



Factory-applied EPDM rubber gasket

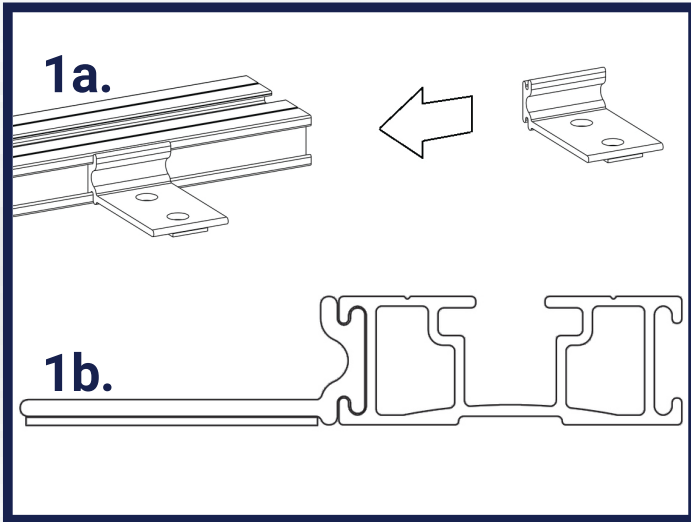
Piercing Fastener



EPDM "double-seal" performance rubber gasket

## Installation Instructions

### To Install GRIPPERFIX Using Exposed Fix

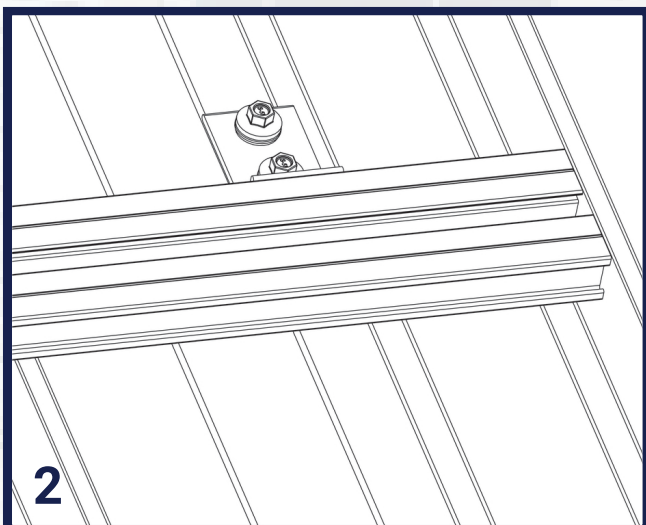


**1. Slide Exposed Fix (EF) Tab into channel of GRIPPERFIX Strut:** Two Exposed Fix (EF) Tab should be used with each GRIPPERFIX Strut. Slide the tabs into the channel as shown in (Fig 1a) with EPDM strip facing toward bottom of rail (Fig 1b). These tabs will be the connection to the top of the roof profile ribs.



These instructions are for use by those experienced in the trade. Always follow appropriate safety precautions and use appropriate tools.

**2. Fasten the upslope GRIPPERFIX Strut to the roof ribs:** Align the EF Tab atop the ribs of the roof. The GRIPPERFIX Strut should rest on the ribs of the roof and be centered on attachment points left-to-right. Secure the Tabs directly into the top of the roof profile using the piercing fasteners provided. Drive the fastener until it is tight and the washer is firmly seated (**Fig. 2**). DO NOT over-drive fasteners; a slight extrusion of rubber around the washer is a good visual-tightness check.



**NOTE:** Best Practice when using GripperFix EF on a top-fixed mounting application is to locate one of the GripperFix rails at a structural purlin (or batten). Remove an existing structural fastener from the top of a rib and use that same fastener in one of the EF Tab holes to secure each of the EF Tabs for that rail to the roof through the same hole. If the fastener is stripped or damaged after removal be sure to replace it with a larger diameter fastener. Then add the second (sheet only) fastener to the Tab. This practice will increase the strength of the mounting system.

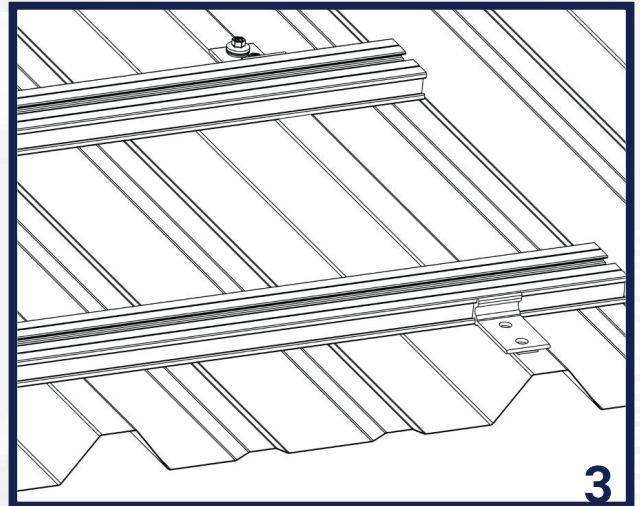


# Installation Instructions

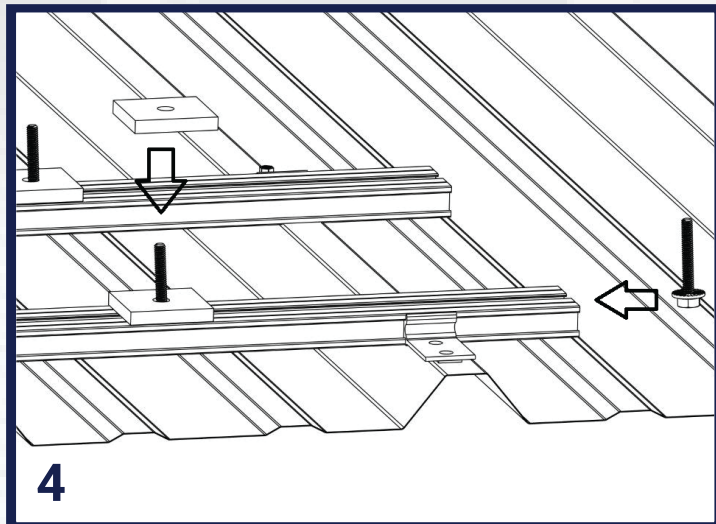
## To Install GRIPPERFIX On Exposed Fix

### 3. Placing second Strut on roof (do not fasten down yet):

Following the previous steps, place the second Strut at the desired location. so that the bolt slots within the two GRIPPERFIX Struts are the same distance apart and consistent with the distance between mounting locations on the base of the condenser unit. (Fig. 3). DO NOT fasten to roof at this point.



**Note:** Clamps to be installed to the outside of the rails as per image above

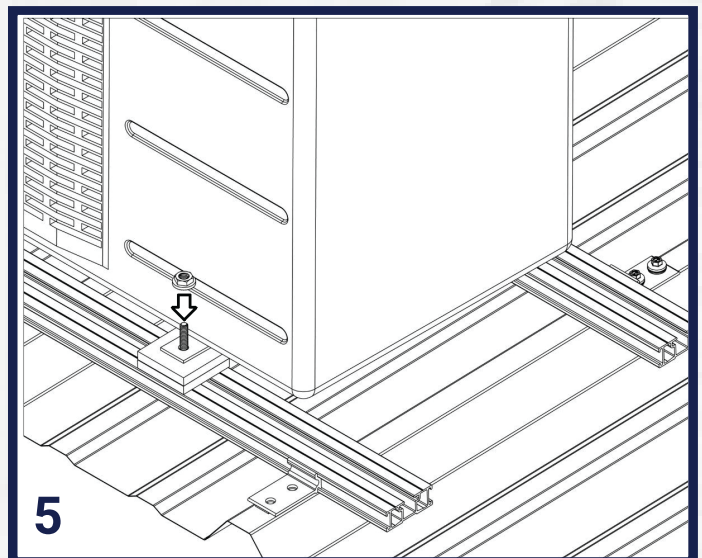


**Note:** Clamps to be installed to the outside of the rails as per image above

### 4. Slide M8-1.25 x 40 mm Bolts into Bolt Slot and place

**Damper Pads:** Slide (2) M8-1.25 x 40 mm bolts into the top slot of each GRIPPERFIX Strut (Fig. 4). Position these bolts such that they align with mounting holes of the condenser unit centered on the GRIPPERFIX Strut. Place Damper Pads over the shafts of the inserted bolts.

**5. Place condenser unit mounting holes over M8-1.25 x 40 mm Bolts atop Damper Pads and Fix to GRIPPERFIX Rail:** Some adjustment of the M8 Bolts & Damper Pads may be necessary to align with mounting holes of condenser unit. **Additional Damper Pads can be added to the downslope mounting locations to level the condenser unit if necessary.** Place the mounting holes on the feet of the condenser unit over the M8 bolts. Secure the installation by finger tightening the supplied nuts onto the bolts. (Fig. 5).



**Note:** Clamps to be installed to the outside of the rails as per image above



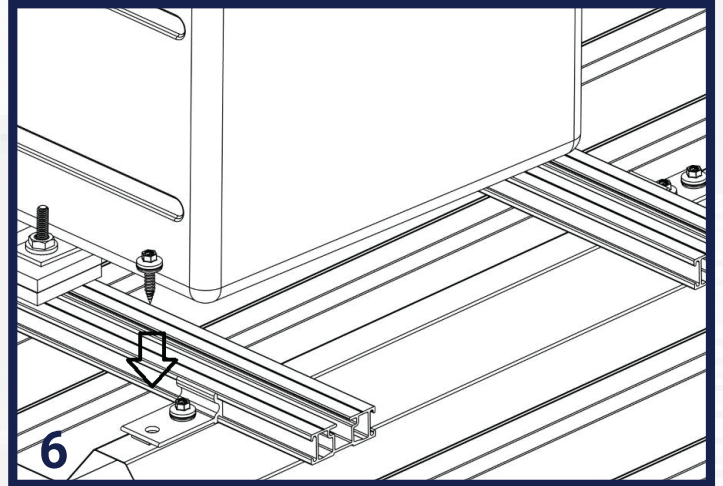
## Installation Instructions

### To Install GRIPPERFIX On Exposed Fix

#### 6. Fasten the second GRIPPERFIX Rail to the roof ribs:

Secure the rail using furnished piercing screws as in Step 2. (Fig. 6). Make any necessary final adjustments and final tightening of all remaining hardware.

**Optional Step:** After the tabs have been screwed to the ribs, a pair of pliers can be used to crimp the channel on either side of each tab to prevent lateral migration.



**Note:** Clamps to be installed to the outside of the rails as per image above

# Gripperfix Kit Codes

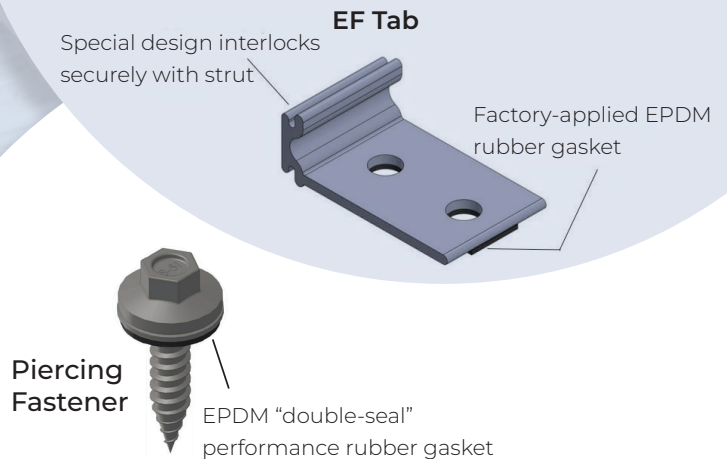
## Gripperfix1 Kit - EF Tab & Needle Point Fastener

### Kit Codes below

- Gripperfix1 – 300 (300 denotes rail length)
- Gripperfix1 – 600
- Gripperfix1 – 1200

### Kit Includes

- 2x Rails
- 4x EF Tabs & Fasteners
- 4x M8x40 Bolts & Nuts
- 8x Damper Pad



## Gripperfix2 Kit-K Grip Mini

- Developed to fit Klip-Rib®, KlipLok® and other bulb type snap-together seams
- Design utilizes multiple inserts (sold separately) to accommodate various rib dimensions
- Mounting bolt directly over center of seam

### Kit Codes below

- Gripperfix2 – 300
- Gripperfix2 – 600
- Gripperfix2 – 1200

### Kit Includes

- 2x Rails
- 4x CF Tabs
- 4x K Grip Mini Clamp w/ Bolts & Inserts
- 4x M8x40 Bolts & Nuts
- 8x Damper Pad

### S-5-K Grip

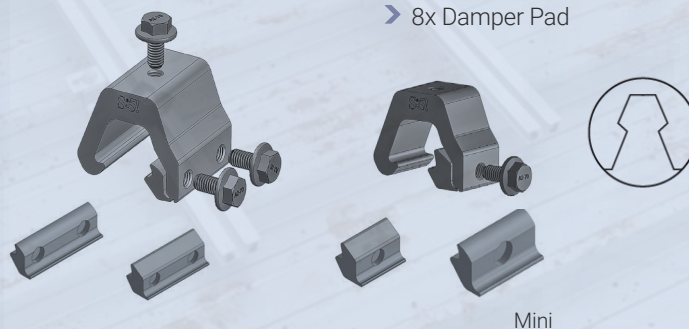
Based on 1 part

- 3- M8 x 16 mm Bolt
- S-5-GX 10 Insert or S-5-GX 50 Insert

### S-5-K Grip Mini

Based on 1 part

- 1-M8 x 16 mm Bolt
- S-5-GXM 10 Insert or S-5-GXM 50 Insert





# Gripperfix Kit Codes

## Gripperfix3 Kit-E Mini

- Designed for traditional double-folded standing seam roofs popular in Europe and in the U.S.
- Comparable strength to S-5-U, but at a lower cost
- Fits Butler's MR-24® and other double-folded standing seam roofs
- Compatible with all metals except copper

### Kit Codes below

- Gripperfix3 – 300
- Gripperfix3 – 600
- Gripperfix3 – 1200

### Kit Includes

- 2x Rails
- 4x CF Tabs
- 4x E Mini Clamp w/ Bolts & Inserts
- 4x M8x40 Bolts & Nuts
- 8x Damper Pad

### S-5-E

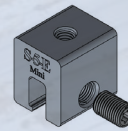
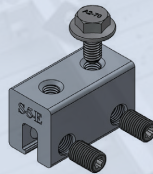
Based on 1 part

- 2- 3/8 x .50" Setscrews (10 x 13 mm)
- 1- M8 x 16 mm Bolt

### S-5-E Mini

Based on 1 part

- 1- 3/8 x .50" Setscrew (10 x 13 mm)



Mini



## Gripperfix4 Kit-N Mini

- Special design for "nail-flange" SSR profiles < 1" (25 mm) in height
- Angled setscrews for easier installation - no special tools required
- Fits seam profiles having base rib dimension < .82" (20 mm)
- Clamp insert facilitates best fit without damage to panel seam
- New design ensures straight clamp position on seam

### Kit Codes below

- Gripperfix4 – 300
- Gripperfix4 – 600
- Gripperfix4 – 1200

### Kit Includes

- 2x Rails
- 4x CF Tabs
- 4x N Mini Clamp w/ Bolts & Inserts
- 4x M8x40 Bolts & Nuts
- 8x Damper Pad

### S-5-N

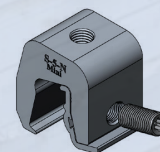
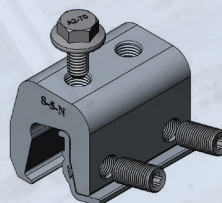
Based on 1 part

- 2- 3/8 x .80" Setscrews (10 x 20 mm)
- 1- M8 x 16 mm Bolt
- 1- N Insert

### S-5-N Mini

Based on 1 part

- 1- 3/8 x .80" Setscrew (10 x 20 mm)
- 1- N Mini Insert



Mini



## Gripperfix Kit Codes

### Gripperfix5 Kit-S Mini

- Versatile clamp created for popular snap-together profiles – including the Firestone UC4, Peterson SnapClad™, MBCI LokSeam™ and all similar seam types.
- Also use on single-folded (horizontal seams) < 0.54" (13 mm), to avoid necessity of field crimping the seam

#### Kit Codes below

- Gripperfix5 – 300
- Gripperfix5 – 600
- Gripperfix5 – 1200

#### Kit Includes

- 2x Rails
- 4x CF Tabs
- 4x S Mini Clamp w/ Bolts & Inserts
- 4x M8x40 Bolts & Nuts
- 8x Damper Pad

#### S-5-S

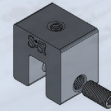
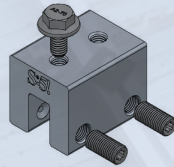
Based on 1 part

- 2-3/8 x .80" Setscrews (10 x 20 mm)
- 1-M8 x 16 mm Bolt

#### S-5-S Mini

Based on 1 part

- 1-3/8 x .80" Setscrew (10 x 20 mm)



Mini



### Gripperfix6 Kit -Z Mini

- Specially designed to fit Zip-Rib®, BEMO, Kalzip®, and similar profiles with a round "bulb" seam configuration
- Two-piece clamp design allows for ease of installation anywhere along length of the rib
- For seam diameters < .9" (22 mm); for larger seam diameters, use S-5-Q

#### Kit Codes below

- Gripperfix6 – 300
- Gripperfix6 – 600
- Gripperfix6 – 1200

#### Kit Includes

- 2x Rails
- 4x CF Tabs
- 4x Z Mini Clamp w/ Bolts & Inserts
- 4x M8x40 Bolts & Nuts
- 8x Damper Pad

#### S-5-Z

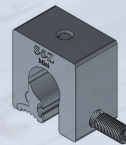
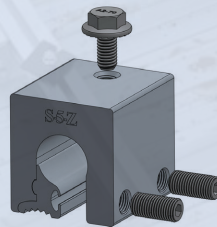
Based on 1 part

- 2-3/8 x .80" Setscrews (10 x 20 mm)
- 1- M8 x 16 mm Bolt
- 1- Z Insert

#### S-5-Z Mini

Based on 1 part

- 1-3/8 x .80" Setscrew (10 x 20 mm)
- 1- Z Mini Insert



Mini

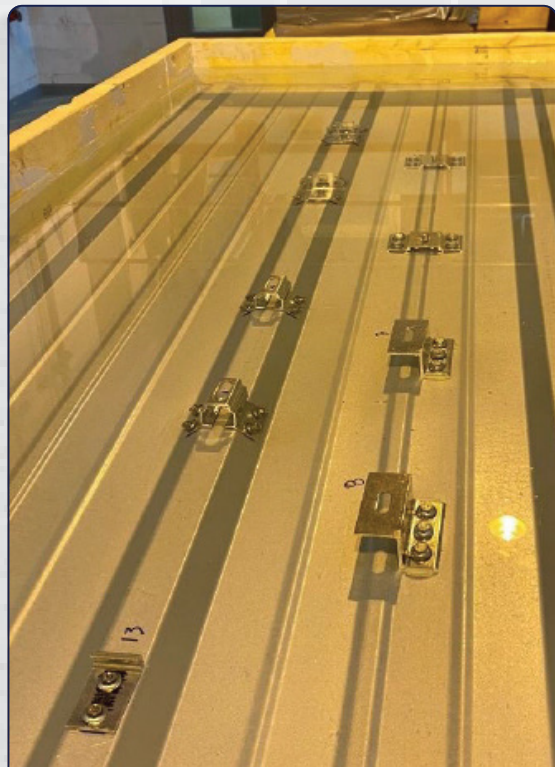


Please get in contact to organise a FREE kit to be supplied for trial purposes

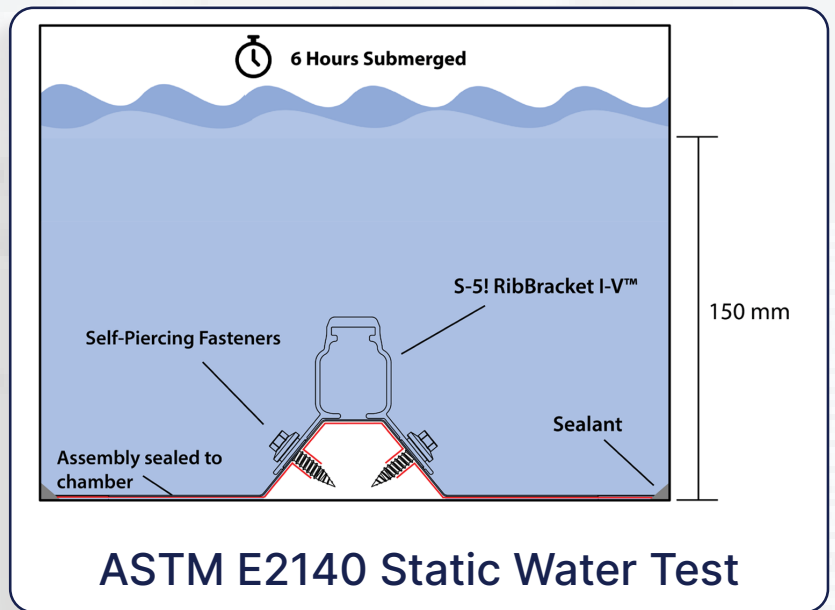


## Testing The Right Way™ to Prove Your Fixings Won't Leak

When mounting rooftop equipment, you need to ensure the fixings will not cause damage or corrosion. How can you have confidence in the attachments' ability to keep moisture out? Use components designed with state-of-the-art sealant technology and proven for watertight effectiveness through the ASTM E2140 static water pressure test.



(S-5! brackets and GripperFix tab submerged under 150 mm of water.)



ASTM E2140 Static Water Test

### Start With Superior Sealant Technology

Closed-cell EPDM (ethylene propylene diene monomer) is a superior rubber chemistry offering high-tensile strength, long lifespan, and resistance to high rooftop temperatures. Our attachments use factory-applied EPDM pads adhered to the feet of the brackets. This gives you dependable waterproofing, rather than unstable in-field applications that eventually dry out and cause leakage. EPDM is so durable, it's even used as pond liners. To increase the EPDM's longevity, our bracket design conceals the sealant to protect it from UV exposure and degradation.

Our accompanying self-piercing screws also have EPDM washers beneath the screw heads to prevent moisture intrusion at penetration points.

This means you obtain a "double seal" with the EPDM washer on the fasteners from above and the pre-applied EPDM on the feet of the brackets or GRipperFix® tabs from below.

## Static Water Pressure Tests Prove Performance

Independent water infiltration tests are the only way to verify your roofing attachments will perform as intended. Very few mounting system companies have done any such testing. Of all the available ASTM water tests, the ASTM E2140 is the most stringent watertight testing available and the most preferred test for low-slope metal roofing.

### *ASTM E2140 – Standard Test Method for Water Penetration of Metal Roof Panel Systems by Static Water Pressure Head*

This test method is a procedure to determine water leakage through metal roof plane penetrations such as fasteners, curbs, pipes and expansion joints under a static water pressure head. It's applicable to single skin metal panels and the exterior skin of factory-assembled composite panels (IMPs). To guarantee accuracy, ASTM specifies, "All parts of the roof test specimen shall be full size, using the same materials, details, seals, and methods of construction and anchorage in accordance with manufacturer's standard written or illustrated instructions, or both."

The test maintains a 150 mm water pressure head for a period of 6 hours. If **one drop of water** passes through the assembly, the product completely fails the test.

You shouldn't install any mounting attachment on your roof that hasn't passed ASTM E2140.

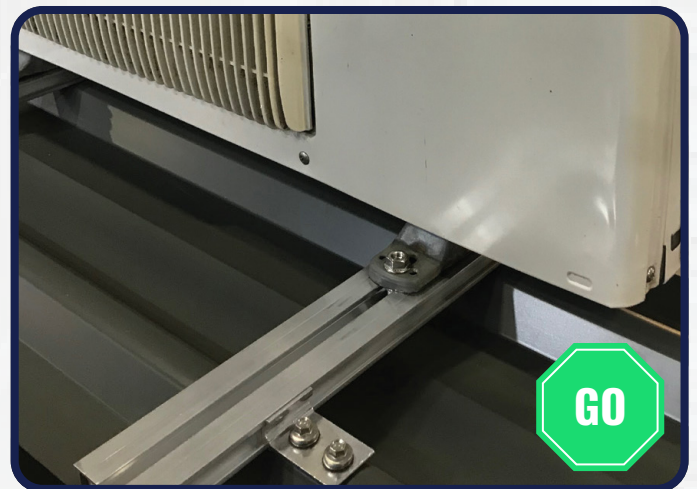
### **Our Results? NO Leakage; NO Water Intrusion**

We care about the longevity of your roof, so we did the work to create attachments you can trust. All of S-5!'s exposed-fixed brackets' sealing technologies have been tested for watertightness through ASTM E2140 water tests, and they all passed. Our factory-applied EPDM sealants on our brackets and specially designed self-piercing screws are **proven not to leak** or create swarf.

**Mount your splitties with confidence using GRipperFix.**

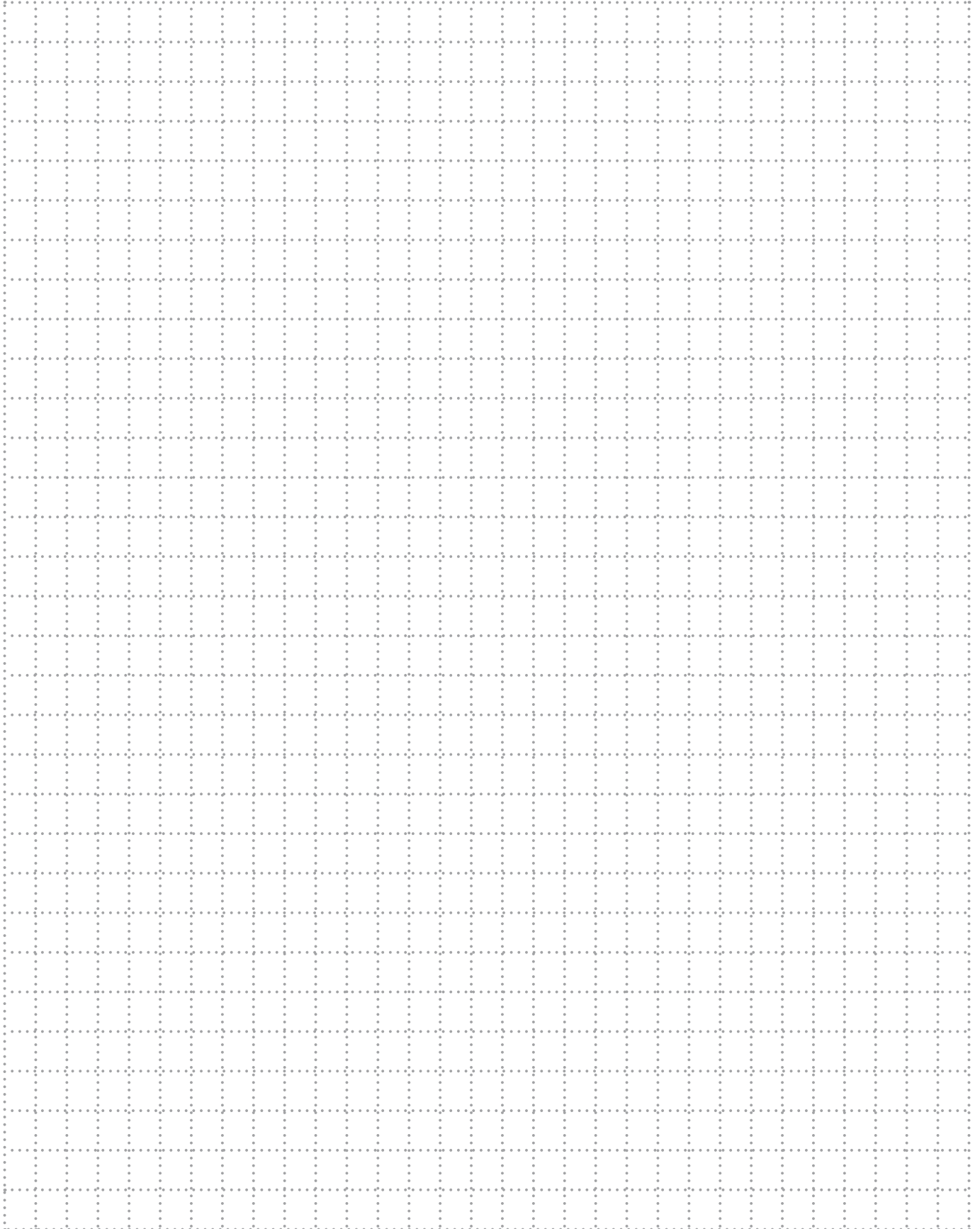


(HVAC fixed with wooden dunnage)



(HVAC fixed using GRipperFix® Utility System)



**NOTES:**

☎ **0481 731 625**

✉ **Gripperfix@polyplas.au**

🌐 **www.polyplas.com.au**

📍 **3 Corporate Ave, Rowville, Victoria,  
3178, Australia**