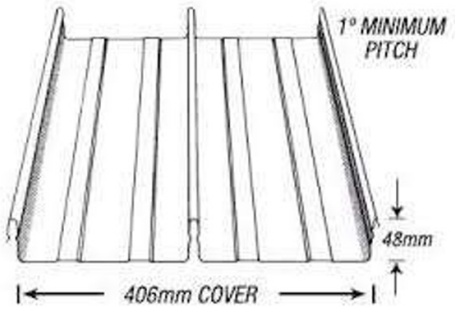
PG 2 – PROFILE GRIP ANCHOR
INSTALLATION INSTRUCTIONS

Things To Know:
Profile Grip (PG 2 - Brownbuilt) anchor point can be used for rope access (abseiling) as well as to support a fall arrest load of 15 kN when a suitable personal shock absorber is used. Profile Grips can be used on all structurally sound roofs with either timber or steel underlying structure of the following minimum requirements:

- **Timber structure:** Minimum size rafter/batten – 70mmx 35mm
- **Steel structure:** Minimum purlin gauge – 150mm x 1.2mm
- **Minimum roof size:** There must be minimum of 3 purlins supporting the roof sheet
- **First purlin or batten:** Never install Profile Grips into the first purlin or batten on the roof's edge!
- **Loading:** Always load the Profile Grips in sheer under an angle not exceeding 20° with the surface of the roof.
- **Roof Sheet:** Designed specifically for BROWNBUILT roof sheet only! Minimum sheet gauge – 0.42mm.



Tools Needed:
Cordless drill, 8mm drill bit, hex bit driver, rivet gun, brush and dust pan or vacuum

Installation Steps:
1. Identify the roof profile. Refer to the picture above for dimensions.
2. Identify the host structure. Is it timber or metal? Set aside the right screws.
3. Locate purlin (or batten) and place the Profile Grip down onto the roof sheet. The central holes on the bottom flanges (1) must be positioned over the centre of the purlin or batten.
4. Install 2x 14G screws through the holes (1), through the roof sheet into the purlin or batten. Be sure you use the correct fixing screws for the steel or timber structure. Do not over tighten.
5. Drill 8 holes into the roof sheet through the pre-drilled holes (2) of the Profile Grip using 8mm drill bit.
6. Install eight aluminium bulbtite rivets provided using rivet gun.
7. Remove any steel shavings to prevent roof corrosion and install a weatherproof certification tag
8. The Profile Grip is now ready to be used.

Annual Re-certification:
All anchor points must be inspected and certified before their initial use and subsequently on regular basis to satisfy the requirements set out in AS/NZS 1891.4:2025, AS/NZS 5532:2025 and ISO 22846 (2020).

Note:
The roof structure must be assessed by a structural engineer unless it is clear to a suitably qualified person that it is capable of withstanding the forces imposed on it during arresting of a fall and during work positioning.

Disclaimer:

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