

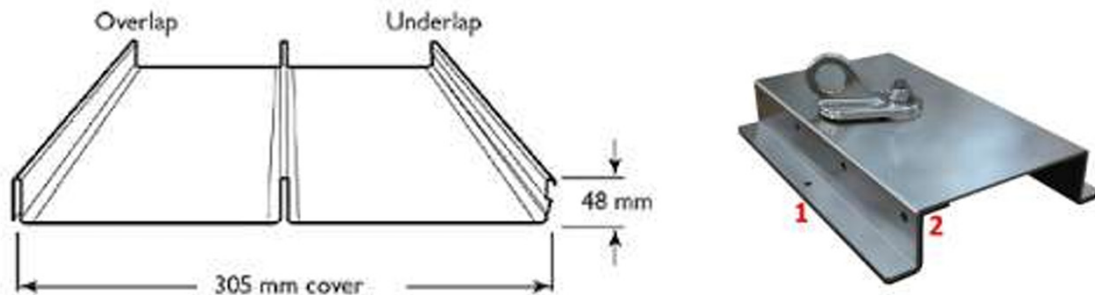
PG 1- PROFILE GRIP ANCHOR

INSTALLATION INSTRUCTIONS

Things To Know:

Profile Grip (PG 1 – Longline) 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 – 70mm x 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 LONGLINE 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:

All product specifications and technical descriptions, recommendations and other information provided in this document are given as general guidance and advice, and are to be considered in conjunction with Safety Roof Anchors installation instructions and any other data available and applicable to each particular standard product or system. Use of such data is however the user's sole responsibility taking into account the intended application and actual conditions existing on the specific worksite. Consequent selection of the right product for any particular use remains the user's ultimate responsibility.

Safety Roof Anchors is therefore not obligated or liable for any direct or indirect, incidental or consequential damages, losses or expenses in connection with, or by reason of the suitability and use of or otherwise, any product or system for any purpose. Implied warranties of merchantability or fitness for any particular purpose are specifically excluded. Safety Roof Anchors maintains a policy of continuous improvement and development, and therefore reserves the right to modify, amend or otherwise alter product and system designs and specification, models and part numbers, colours and pricing etc., without prior notice. Safety Roof Anchors accepts no liability whatsoever for incorrect information, errors or omissions.