

G.P. PANEL Wall Cladding

G.P. Panel is a conventional light weight sheet walling profile with a lower rib that gives a unobtrusive appearance in any application you choose to use it on.

The ideal product to use on the walls of your garage, garden shed or workshop. With a little bit of imagination it can also be used to make a feature wall or area that you want to look a little different. It is made from quality Colorbond® or Zincalume® steel, that will stand up to Australia's harsh conditions.

Installation

Principle

The sheets of G.P. Panel overlap each other and are fixed progressively along the building in the opposite direction to the prevailing weather. This gives complete weather protection and a fast and efficient method of installation. Each sheet consists of an "over" rib and an "under" rib and when put together form an effective seal which prevents water entry.

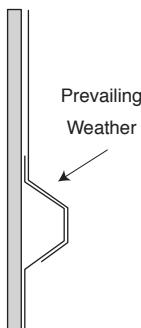
Preparation

The faces of the supporting members must be true and all in the one plane for a quality job.

Laying

RIBS HORIZONTAL - The edge laps must face downwards with the over edge on top as shown. If end laps are necessary on long runs, allow 75mm per lap. End laps should be sealed with suitable sealant.

RIBS VERTICAL - Start at the end of the wall which is away from the prevailing weather. The over-edge should be as shown.



Fixing

Recommended Fasteners

Steel Framing: Thickness up to 5mm - No 10 x 16 Hex Head Self Drilling Tek with Neo Washer.

Thickness 5 to 6.4mm - No 14 x 40 Hex Head Self Drilling Tek with Neo Washer.

Timber Framing: No. 12 x 25 Head Type 17 Self Drilling Wood Screw with Neo Washer.

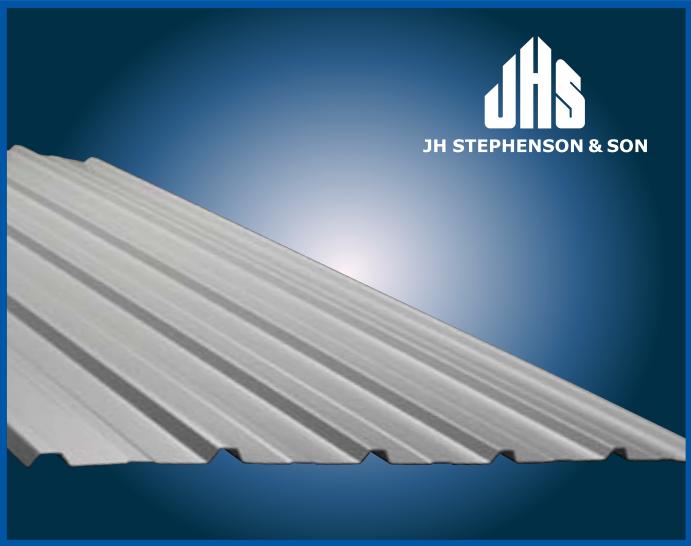
Side Lap Fasteners

Use No. 8 x 12 Hex Head Type S Self Drilling Screw with Neo Washer or Sealed Blind Rivet. These are added at the midspans of the sheets for support spacing over 800mm for walls to give weatherproofing.

Method of Fastening

Five fasteners per girt, 15 mm from rib as shown.

NOTE: Steeline GP Panel is not suitable for roofing.



Precautions

When unloading bundles of sheeting with a crane always use a spreader bar and fabric slings to prevent damage. When manually handling sheets use clean dry gloves and do not drag sheets over each other. Storage of sheets should be above ground and under cover. Do not locate fasteners less than 25mm from the end of sheets. Do not use punches to form holes for fasteners. Holes are to be drilled or self drilling fasteners are to be used.

Coverage and Lengths

GP Panel has an effective coverage of 825mm and can be cut in the factory to any length specified by the customer.

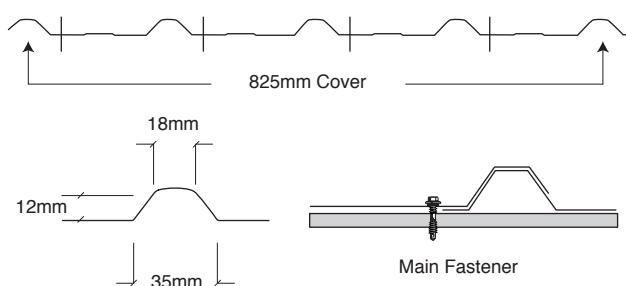
Support Recommendations for Non-cyclonic Areas

Maximum Support Spacings

The recommended maximum support spacing is 1200mm for buildings located under the following conditions as specified by AS.1170 Part 2 SAA Wind Code:

Max. Building Height: 3m
Internal Pressure Coefficient: +0.2

Wind Velocity: 50 m/s
Terrain Category: 3



Spans

Base Material Thickness	Single	End	Internal
0.35 (G550)	600	700	1000
0.42 (G550)	800	900	1200

Note: For cyclonic, refer to your local manufacturer for more details.



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