



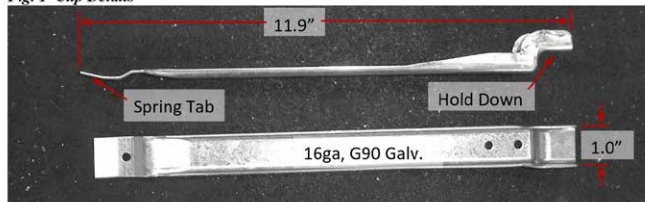
24ga PS-12 Panel at 100psf test point (138psf max obtained)

A clip has been added to the Prestige Series (PS-12) offering to improve panel performance. The clip is required for use in most applications to meet typical wind design loads.

#### FEATURES AND BENEFITS:

- Durable 16ga, G90 galvanized steel construction to resist high wind loads.
- Low profile - works with all prestige panel profiles, and in both horizontal and vertical applications.
- Can be used with all common Prestige Series installations over studs/girts, plywood and other solid substrates.
- Features spring tab on one end to prevent male panel leg from backing out of adjoining panel; hold down clamp on opposite end to keep female panel leg from springing open during uplift loads.
- Majority of projects will work at wide clip spacings -average design loads of 36psf for 24ga and 46psf for 22ga at 7.5ft spans (refer to test report for specific values).
- Clip design accepts #10 pan head fasteners up to #14 lap screws.

Fig. 1 Clip Details

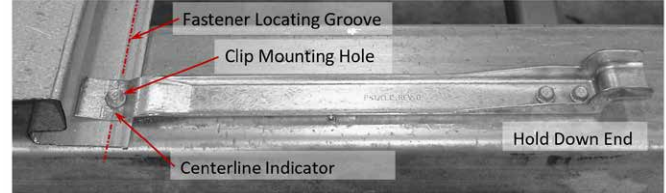


#### CLIP INSTALLATION

- Locate clip mounting hole over fastener locating groove on adjoining panel (See Fig. 2). Drive fastener through clip and panel, and into substrate. Ensure that clip is perpendicular to panel edge. There is a centerline indicator stamped above and below the mounting hole to assist with perpendicular clip alignment (clip design allows for positioning of clip to be approximately  $90^\circ \pm 3^\circ$ ). In vertical panel installations, or instances where second hand is not available to hold clip, the clip can be rotated into the perpendicular position after the fastener is partially driven.

- Once clip has been positioned perpendicular to adjoining panel, fasten hold down end of clip with remaining fastener(s).

Fig. 2 Clip Installation



- Engage next Prestige Series panel by lying next to previously installed panel as shown in Fig. 3 and slide together until completely engaged. An audible "click" will be heard when panel is fully locked behind clip. Because of the clip's low-profile design, this engagement is possible with panel ends contained within C-metal trims.

Fig. 3 Engagement of Panel

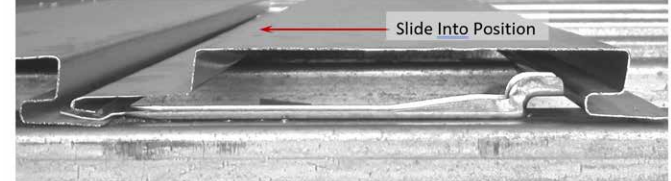
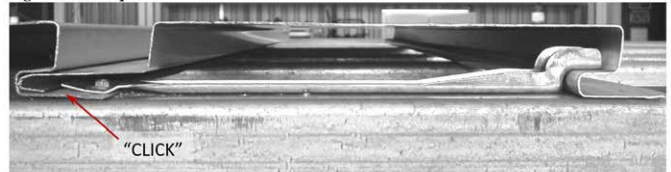


Fig. 4 Installed panel



#### NOTES:

- PS-12 clip is required for use in most jobs that require engineering. 22 and 24ga panels without clips are only rated for design loads of approximately 15 and 10psf respectively (refer to test reports for specific values).
  - Clip is currently only available for use in 22 and 24ga applications. It has not been evaluated for use with 18 & 20ga panels (increased effort required to engage 18 & 20ga panels with this clip).
  - Shorter clip spacings will increase effort to engage panels
- use the widest clip spacing that will still meet wind load requirements.

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