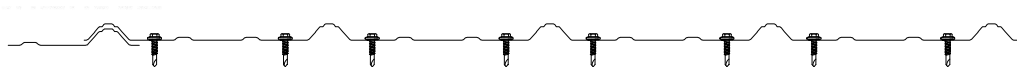
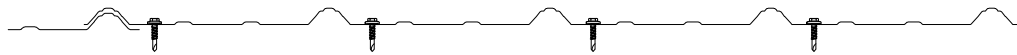


## Western States Metal Roofing "AG" Panel Installation, Flashings & Shop Drawing Detail Guide

### Fastener Placement and Selection



PANEL ENDS



INTERIOR OF PANEL

#### Notes to Installers:

- Fastener Selection will vary depending on type and thickness of substrate.
- Space panel lap screws 12" minimum -24" O.C. maximum. Consult with design engineer.
- Spacing of fastener rows to be engineered by others.
- Lap panels away from prevailing winds whenever possible.
- The use of Butyl tape mastic is always recommended on the panel lap when used for roof panels.
- Panels and flashings should never be installed in contact with dissimilar metals.
- Use only those flashings and accessories designed for use with this panel.
- Panel attachment screws must be long enough to fully penetrate through roof deck substrate or penetrate solid lumber at least one inch.
- Exposed Fasteners should have sealing washers and be coated to provide protection against corrosion.
- Screws must be properly driven to ensure holding strength and proper seal. (see diagram)
- Recommended drill speed is 2000rpm. Improper setting of drill speed can lead to snapping of screw heads.
- Pre drilling of screw holes may be necessary with heavy gauge metals.

