

SUBSTRATE FASTENERS

RGT provide the following guidelines to look for when evaluating the roofing substrate fastening system prior to product application. The fastening pattern may need to be modified to ensure the proper application of the RGT Roofing System.

The proper fastener to use is a pancake head, self-drilling stitching screw and is zinc-coated.

Note: While most of the following conditions exist on through-fastened side lap panels, they may also apply to other metal roofing systems.

Vertical Seams: There are generally from one (1) to three (3) fasteners installed between purlins. There is also a fastener installed directly on top of the purlin itself. This will vary per manufacturer's specifications. Apply pressure at the base of the seam and install fasteners so that no gap greater than ¼ inch exists.

Horizontal Seams: Apply foot pressure to the lower panel and install fasteners so that no gap greater than ¼ inch exists.

Flashings and Penetrations: Check for gaps in the same manner as vertical and horizontal seams. Again, install additional fasteners so that no gap greater than ¼ inch exists. If original fasteners are backing out or elongating the holes, this is a sign of improper installation.