

# Technical Bulletin – Fastener Requirements for Wind Warranty Coverage

## ABOUT THIS BULLETIN

- F-WAVE® REVIA® XTM™ Shingles that are correctly installed according to the Installation Manual will be covered for wind damage as described in the F-WAVE WeatherForce® Advantage Standard Product Limited Warranty.
- The level of coverage depends on the type of fastener used to install the shingles. This bulletin outlines the minimum fastener requirements to achieve each level of wind warranty.

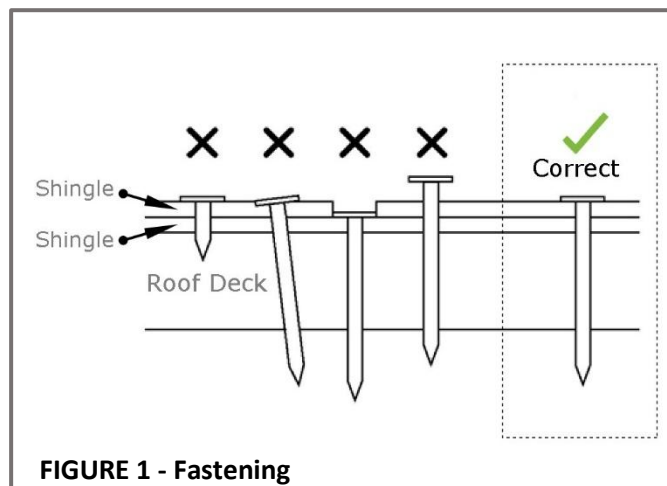
## FASTENER REQUIREMENTS

- Fasteners must meet the requirements of either the '130mph', '180mph', or the 'unlimited' wind speed warranty. See **Table 1**.

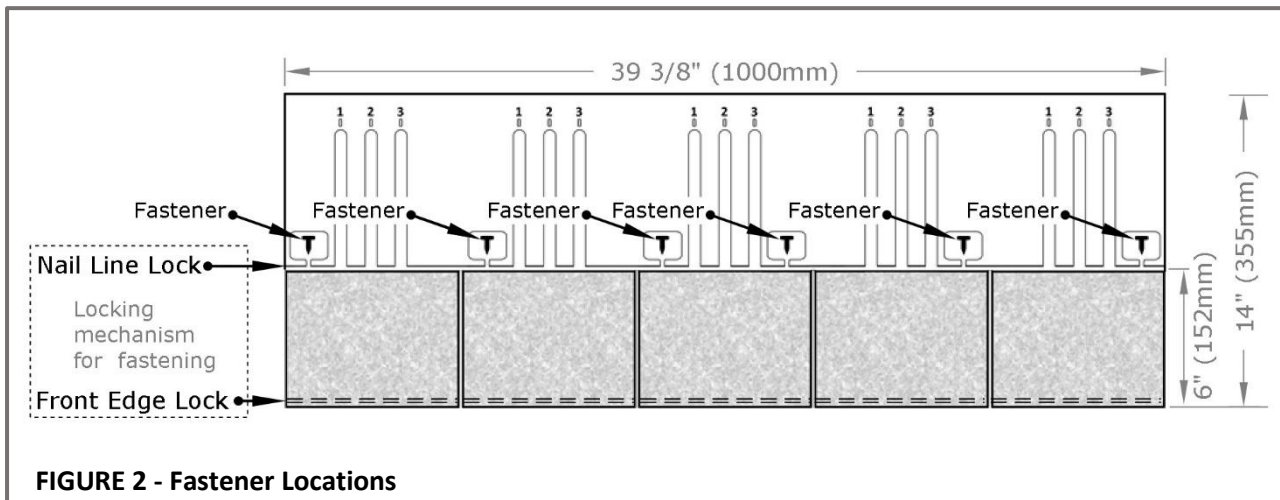
MAXIMUM WIND SPEED	MINIMUM FASTENER REQUIREMENT
130mph	1¼" smooth shank roofing nails 11- or 12-gauge, Ø3/8" (9.5mm) head
180mph	1½" ring shank roofing nails 11- or 12-gauge, Ø3/8" (9.5mm) head
unlimited	1½" non-countersunk screws minimum 8-gauge (raised head)

**TABLE 1 - Fastener Requirements**

- Six corrosion resistant fasteners must be used per shingle for **ALL** applications.
- All fasteners must penetrate at least **3/4" (19mm) into** the roof deck or **1/16" (1.6mm) through** the roof deck
- Fasteners must not be exposed or visible on the finished roof.
- All fasteners must be driven straight with heads flush to the shingle surface, not cutting into the shingle. See **Figure 1**.



- To ensure shingles are installed correctly, each **SHINGLE MUST BE IN POSITION AND ALIGNED BEFORE NAILING. DO NOT TRY TO ADJUST THE SHINGLE POSITION ONCE THE FIRST NAIL HAS BEEN INSTALLED AS THIS MAY CAUSE THE SHINGLE TO BOW.**
- Fasteners must be positioned within the six boxes indicated on the shingle. See **Figure 2**.
- Do NOT locate fasteners in the gutters labelled 1, 2 or 3.



**FIGURE 2 - Fastener Locations**

**NOTES**

- Staples are not an approved fastening method in any situation.
- Recommended nail gun air tool pressure is 100-120 PSI.

*Installers should consult the most recent F-WAVE Installation Manuals at [fwaverroofing.com/resources](http://fwaverroofing.com/resources) to determine all recommended installation requirements. For additional support or questions, visit [fwaverroofing.com](http://fwaverroofing.com) or call F-WAVE Technical Support at **1-888-GO-FWAVE** (1-888-463- 9283). All product names, logos, and brands are property of FWAVE, LLC or their respective owners. All company, product and service names used are for identification purposes only. Use of these names, logos, and brands does not imply endorsement.*