

Advanta Shingle

Product: HAS300

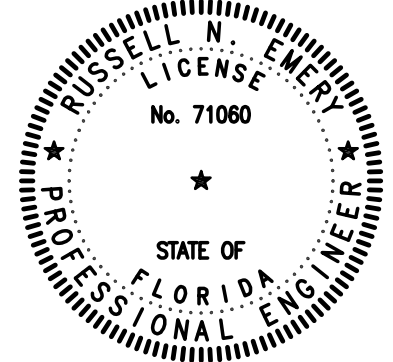
Materials: Steel, Copper

Substrate: 5/8" THK Plywood (min.)
1/2" THK Plywood for re-roofing (min.)

Fasteners: (5x) .150 x 1.50" Ring Shank Nails per shingle

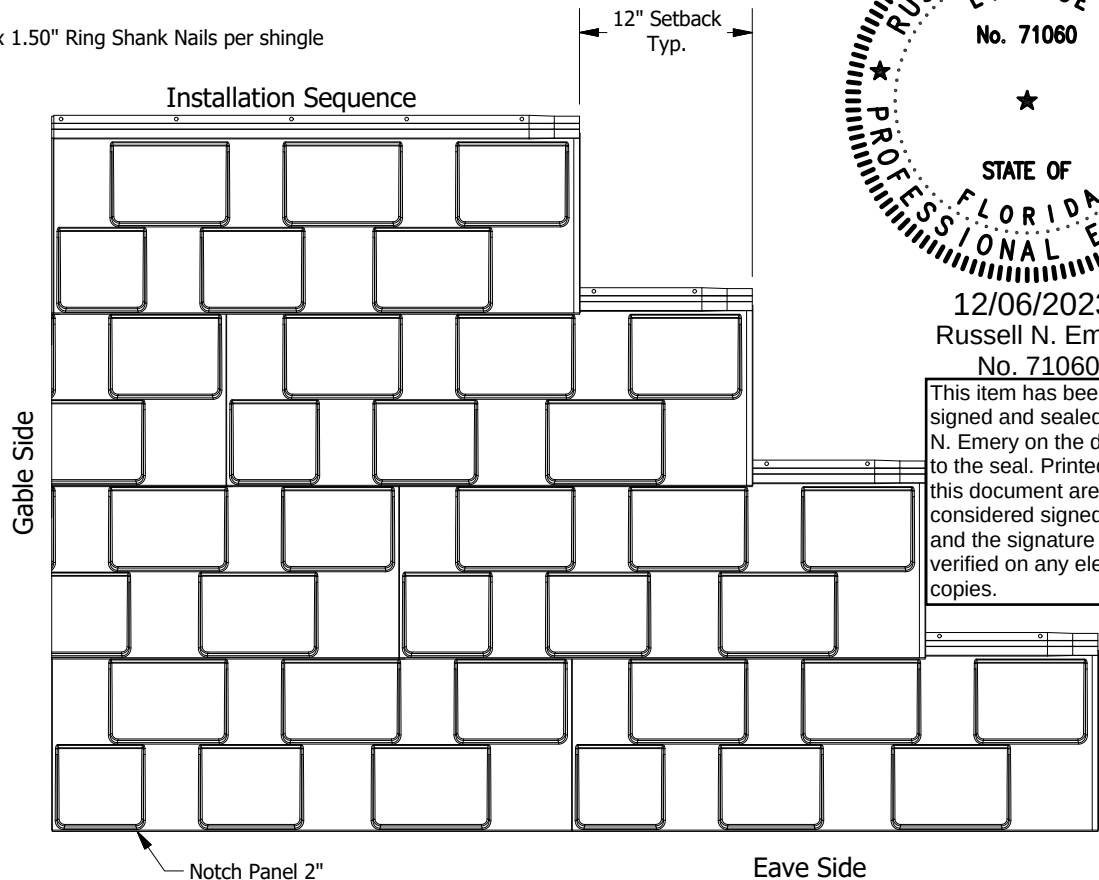
Russell N
Emery
2023.12.06
11:53:33-07'00'

Mat'l	Allowable Wind Pressure (psf)
Steel	45.0
Copper	42.2

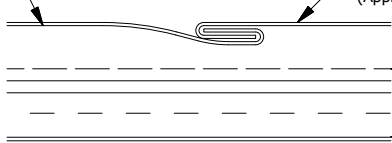


12/06/2023
Russell N. Emery
No. 71060

This item has been digitally signed and sealed by Russell N. Emery on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



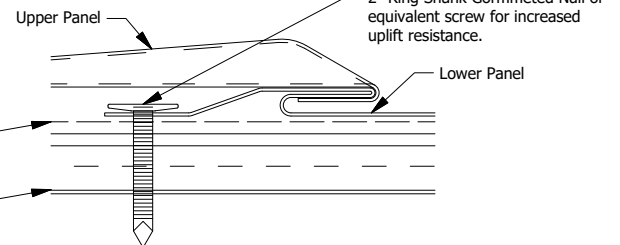
Left Hand Shingle (Applied First)
Right Hand Shingle (Applied Next)



Left/Right End Lap Joint

ATA-Guard

Solid Substrate



Top/Bottom End Lap Joint

Installation Notes:

Snap a vertical line to square up the roof plane with the eave line. Start in the bottom left hand corner of the roof plane with a full length panel. Install shingles in a left to right manner starting from the eave. Panel sidelaps should staggered with a 12" typical setback. Repeat with a full length panel every fourth row. Panels are pre-punched to accommodate 5 nails per shingle. There are 170 fasteners per square. Manufacturer recommendation using 2" ring shank, galvanized roofing nails; however, a pneumatic fastener gun with fasteners that have equivalent pull out values can also be used. Screw fastening may be utilized for increased uplift resistance.

*** Advanta Shingles can be applied over existing roofing materials in accordance with local building codes. Current roof deck should be structurally sound and capable of anchoring fasteners.