



QWIK<sup>TM</sup>



Slate

**QWIK SLATE INSTALLATION PROCESS**  
**THE FINEST SLATE INSTALLATION PROCESS**

**INSTRUCTIONS AND INSTALLATION MANUAL**





## **QWIK SLATE INSTALLATION INSTRUCTIONS**

### **THE FINEST SLATE INSTALLATION PROCESS INSTRUCTIONS AND INSTALLATION MANUAL**

QWIK SLATE installation uses the traditional, tried and true, method of applying roofing slate with hooks. Indeed most all of Europe uses hooks to install roofing slate. European slate roofs have lasted hundreds of years and some predate the American Revolution.

The QWIK SLATE installation process utilizes the traditional slate hook method with the addition of placing a series of hooks, pre-applied on a strip, therein creating a super fast application and a superior attachment of the slate to the roofing surface. All Qwik Slate hooks are 12 gauge stainless steel anodized black for maximum strength and beauty.



**QWIK SLATE HOOK AND STRIP ON TOP OF NEWMONT'S  
VERMONT BLACK SLATE**

**FAILURE TO FOLLOW INSTRUCTIONS MAY RESULT  
IN VOIDING OF ALL WARRANTIES  
PLEASE, BEFORE YOU BEGIN, READ THE ENTIRE  
INSTRUCTION MANUAL, AND REMEMBER SAFETY FIRST:**

### **Personal Protective Equipment (PPE)**

#### **Eye and Face Protection**

- \* Safety glasses or face shields are worn anytime work operations can cause foreign objects getting into the eye such as during welding, cutting, grinding, nailing (or when working with concrete and/or harmful chemicals or when exposed to flying particles).
- \* Eye and face protectors are selected based on anticipated hazards.

#### **Foot Protection**

- \* Construction workers should wear work shoes or boots with slip-resistant and puncture-resistant soles.
- \* Safety-toed footwear is worn to prevent crushed toes when working around heavy equipment or falling objects.

#### **Hand Protection**

- \* Gloves should fit snugly.
- \* Workers wear the right gloves for the job

#### **Head Protection**

- \* Workers shall wear hard hats where there is a potential for objects falling from above, bumps to their heads from fixed objects, or of accidental head contact with electrical hazards.
- \* Hard hats are routinely inspected for dents, cracks or deterioration.
- \* Hard hats are replaced after a heavy blow or electrical shock.
- \* Hard hats are maintained in good condition

#### **Scaffolding**

- \* Scaffolds should be set on sound footing.
- \* Damaged parts that affect the strength of the scaffold are taken out of service. is not allowed to build up on scaffold platforms.
- \* Scaffolds should not be loaded with more weight than they were designed to support.

#### **Pneumatic Nail Gun Safety Tips**

Nail guns drive nails and staples into building materials. Injuries or fatalities can result from improper use.



### **Safe Work Practices and PPE**

- \* Follow manufacturer's tool labels and operating manual.
- \* Wear safety glasses with side shields.
- \* Never defeat or modify safety features.
- \* Keep fingers away from trigger when not driving nails.
- \* Sequential tools have reduced risk of accidental and double firing.
- \* Avoid line of fire hazards in front of and behind material; position yourself (especially your free hand) out of the line of fire. Never point nail gun at anyone.
- \* Watch for coworkers behind the nailing surface.
- \* Disconnect the gun to perform maintenance, move to another work area, or clear jams.
- \* Train on safe operating procedures, proper body placement and correct PPE use.
- \* **NOTE:** The tool must meet applicable OSHA guarding standards.

### **Tools and Materials Need to Install QWIK-SLATE:**

To be installed upon roof decking of Minimum 19/32" APA rated exterior grade plywood with ASTM D1970 roof deck leak barrier protection / underlayment, on roofs of 5X12 pitch or greater. **NEVER INSTALL ON ROOFS SLOPES LESS THAN 5:12. PLEASE CONSULT YOUR LOCAL BUILDING CODES.** Remember codes may vary from location to location.

### **Materials**

ESTIMATING MATERIALS NEED \*

1. QWIK SLATE HOOK AND STRIP BATTENS : # to cover 100 sq/ft
2. QWIK SLATE FIELD SLATES: Approx 3 1/2 square per crate (350sq/ft) coverage
3. QWIK SLATE TRIM SLATES: 2.5 lineal feet / box coverage
4. QWIK SLATE STARTER SLATES: lineal feet / box coverage
5. QWIK SLATE Stainless Steel fasteners:
  - a.) For Hook and Strip Battens: 1" Stainless Steel ring shank nails, or 1" stainless #8 screws
  - b.) For Drip Edge & Rake: 1 " Stainless Steel ring shanked nail, 1" Copper nail or 1" Stainless #8 screws. Trim Slates: Minimum- 1 1/2" Stainless Steel ring shanked nail, 1 1/2" Copper nail or 1 1/2" Stainless #8 screws
  - c.) For Ridge: 3" Stainless Steel ring shank nails or 3" stainless #8 screws

FIRST: Measure roof area. This will determine how many QWIK SLATE HOOK AND STRIP BATTENS and QWIK SLATE FIELD SLATES are needed.

SECOND : Measure length of eaves, ridge, gable end and any hip. This will determine how many drip edge (if used), rake , starter course and QWIK SLATE TRIM SLATES will be needed.

\* QWIK SLATE recommends adding 5 % to all finished quantities/measurements, needed for waste allowance and breakage



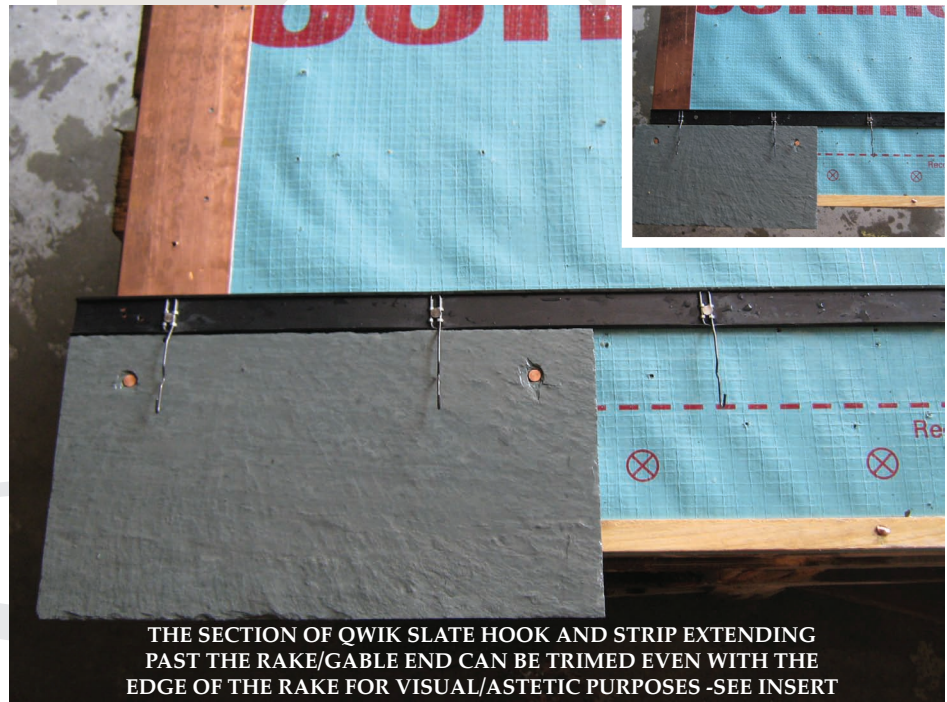


**INSTALLATION:** Always install QWIK-SLATE from bottom(eaves) to top (ridge).

\* Inspect entire prepared roof deck.

Insure all surfaces are clean, dry, even, no holes or tears in decking or leak barrier, all nail heads and/or fasteners are flush with deck surface and covered.

- Install drip edge(if used), rake and all valley metal - MAKE SURE LEAK BARRIER EXTENDS OVER ALL METAL DRIP EDGE (If used) AND COVERS ALL NAIL AND FASTENER HEADS.
- Install row of under eve slates(starter course) "Remember smooth edge up" NAIL UNDER EVE STARTER COURSE TRADITIONAL METHOD



**FIRST QWIK SLATE HOOK AND STRIP INSTALLED OVER STARTER COURSE, PLEASE NOTE ALIGNMENT TO RAKE/ GABLE END AND EDGE OF SLATE**



- Install Second QWIK SLATE HOOK AND STRIP BATTEN™ along top of first row of field slate.



**SECOND QWIK SLATE HOOK AND STRIP, PLEASE NOTE ALIGNMENT OF STRIP AT RAKE EDGE FOR HALF SLATE ON ALTERNATING COURSES**

**IMPORTANT** you must Nail each hook in the eyelet, on every strip

**\*\*TIP\*\***- QWIK SLATE HOOK can be bent with a pair of pliers so that it "GRIPS" the slate firmly, or in the alternative "opened-up" to accommodate a thicker slate.

- Install next row of field slate by simply placing it within the hook on the QWIK SLATE HOOK AND STRIP BATTEN™



**THE SECTION OF QWIK SLATE HOOK AND STRIP EXTENDING PAST THE RAKE/GABLE END CAN BE TRIMED EVEN WITH THE EDGE OF THE RAKE FOR VISUAL/ASTETIC PURPOSES -SEE INSERT**

**THIRD QWIK SLATE HOOK AND STRIP, AGAIN, PLEASE NOTE ALIGNMENT OF STRIP AT RAKE/GABLE END**

**NOTE:** AGAIN, THE SECTION OF QWIK SLATE HOOK AND STRIP EXTENDING PAST THE RAKE/ GABLE END CAN BE TRIMED EVEN WITH THE EDGE OF THE RAKE FOR VISUAL/ASTETIC PURPOSES -SEE INSERT

**IMPORTANT**- every other course must begin with a one half slate,(BEST TO NAIL EACH HALF SLATE) at the gable end to insure correct alignment of slate -staggered vertical joints/gusset from course to course

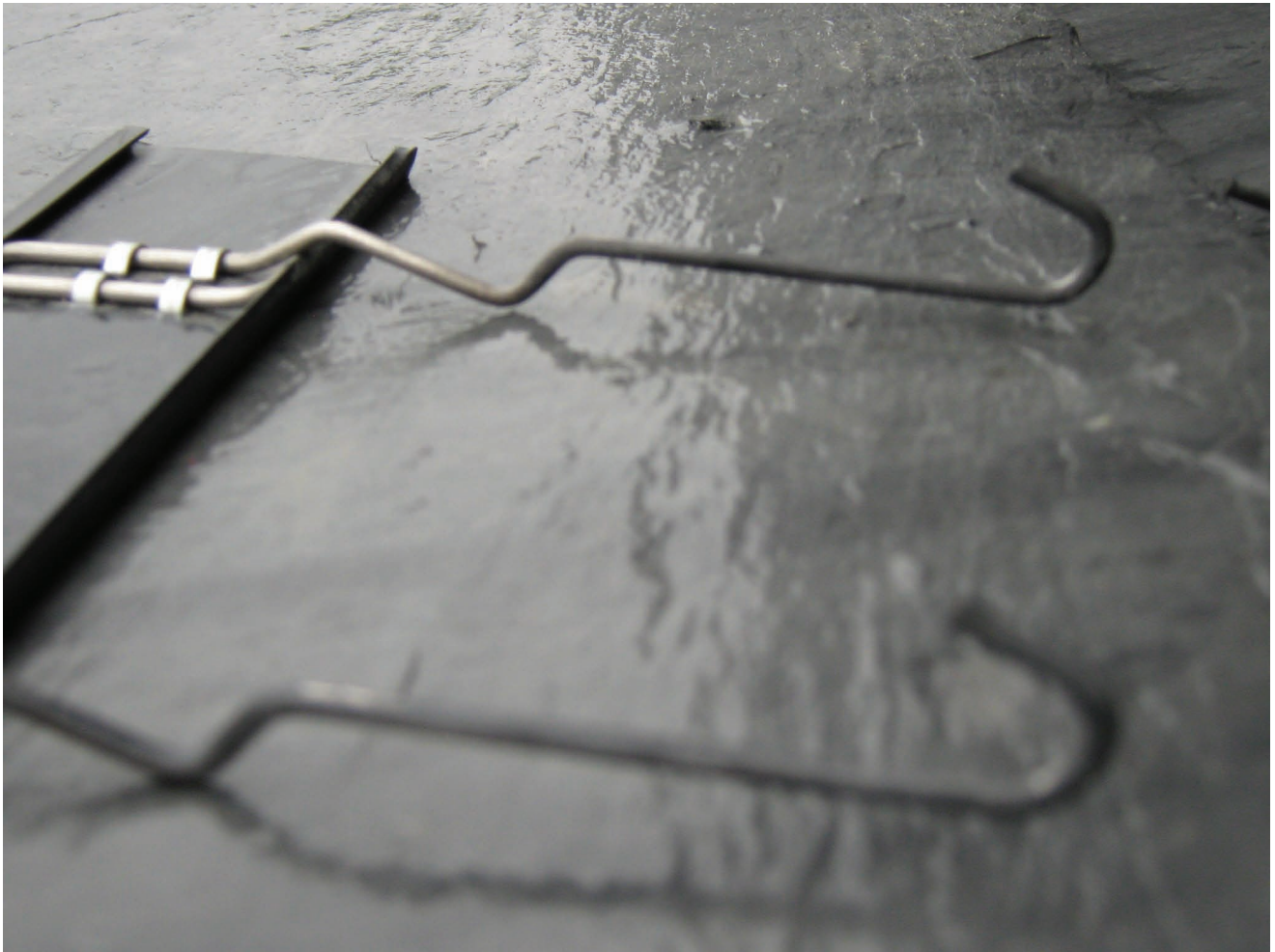


**CONTINUE INSTALLATION:**

**PLACE SLATES IN HOOKS, NAIL NEXT HOOK AND STRIP OVER THAT COURSE AND REPEAT UNTIL RIDGE IS REACHED. TIPS TO WATCH OUT FOR ~ **MUST READ PRIOR TO INSTALLATION !!!!!****

- A. Always install your QWIK SLATE HOOK AND STRIP BEFORE you put down your starter/undereve course. Do not install your starter course and then come back and install your hooks and tracks like you would conventionally. The reason being is that the hooks are spaced apart at the width of the slate you are installing plus 3/16 of an inch to allow for slight variations in the width of the slate being installed. This additional distance will move your spacing one inch to the right every six slates that are installed. Your water lines will get closer to the nails that secure the starter course slate.
- B. Chalk several vertical lines so you have a point of reference to insure your water lines are straight.
- C. It is not necessary to chalk lines every course because the track fitting tight up against the top of each course maintains a consistent exposure and vertical reference point but we strongly suggest every five rows checking your distance from the ridge and make adjustments if needed.
- D. If tying in to existing courses above on a section replacement be sure to watch the video that outlines the key points to insure your courses end up matching up at the point of tie-in. Also special attention needs to be paid to the water lines to bring them back in line over the last 3-4 courses.
- E. Keep a small pair of tin snip for cutting off excess track that runs into your valleys.
- F. Don't throw away your extra cut off pieces of track that have hooks on them. Trim the extra P.V.C. track off and save these for future valley installations and other installations.
- G. Install an in-line auto drip oil dispenser to insure your nailer's are properly oiled automatically.
- H. Keep a small pouch full of single stainless steel nails on you in-case you hit a seam in the wood decking, the nail gun will only let you get with in a half inch of the top of the slate. Being able to hand nail on these occasions in the lower part of the loop is an advantage.
- I. Keep a slate hammer on your belt and don't forget at any time you can revert back to nail fixing if needed on occasion and simply strike your nail holes and secure with copper or stainless steel nails.
- J. Keeping the rubber bands on the track and in the box up until you are ready to start laying them out makes handling/installation faster. Again always work safely.





NEWMONT SLATE COMPANY'S QWIK SLATE INSTALLATION METHOD IS THE PREMIER SLATE INSTALLATION METHOD AVAILABLE ANYWHERE. FOR MORE INFORMATION OR TO PLACE AN ORDER CONTACT:

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