

# Slate Tools and Hardware

Since 1974 we have specialized in providing quality roofing slate for repair work, restorations and new construction. We maintain an extensive inventory of most common sizes and colors of new slate. We will do our best to match slate when requested and offer a custom-cutting service for special shapes and patterns. Our slate is protecting buildings around the world. As always, your satisfaction is 100% guaranteed.

|                                 |   |             |
|---------------------------------|---|-------------|
| <b>Slate Cutter</b>             | 4 lbs, portable with curved, hardened-steel blade | \$105       |
| <b>Slate Hammer</b>             | Leather grip, classic design, right hand          | \$115       |
| <b>Slate Ripper—Medium Duty</b> | Design is “Belden-type,” thin blade, 2.5 lbs      | \$85        |
| <b>Slate Ripper—Heavy Duty</b>  | Same as above but heavier duty, 4.5 lbs           | \$115       |
| <b>Slater’s Stake</b>           | “T” shaped, 20" width x 8" stake                  | \$65        |
| <b>The Slate Roof Bible</b>     | Historical reference and repair manual            | \$40        |
| <b>The Slate Book</b>           | Detailed technical reference for professionals    | \$50        |
| <b>Snow Guards—Wire</b>         | Copper loop pigtail, 5.25" long, 300 per box      | please call |
| <b>Copper Roofing Nails</b>     | All sizes, #10 gauge                              | please call |
| <b>Galvanized Slate Hooks</b>   | Slate repair hooks—about 60 hooks per pound       | \$7/lb      |
| <b>Copper or SS Slate Hooks</b> | Slate repair hooks—about 60 hooks per pound       | \$14/lb     |

*Current market conditions favor pricing slate on a project-by-project basis. Please call or email to obtain a current quote.*



**NEW ENGLAND**  
S L A T E

363 Vermont 30 South, Poultney, VT 05764

802-287-2295 | Fax 802-287-2296 | [newenglandslate.com](http://newenglandslate.com) | *Formed by Nature, Crafted by Hand*

# Slate Tools and Hardware

## Useful Information

- A slate hammer, slate ripper and slate cutter are indispensable for slate repairs or installation.
- Nails should be of sufficient length to fully penetrate the underlying roof deck.
- A rule-of-thumb for computing nail length is to add one inch to twice the slate thickness. Nails of 1.5" are typically used for standard thickness slates. Longer nails may be desired for hips and ridges.
- Standard thickness (nominal 1/4"-3/8") roofing slate typically weighs 850 to 1050 pounds per square. Weight per square for other thicknesses may be estimated using these numbers. For example, 3/8"-1/2" slate is twice the thickness of standard and therefore a square should weigh about twice as much—around 1500 lbs.
- All prices are F.O.B. Poultney, VT. We will gladly arrange shipping via the most cost-effective method.

More information can be found on our website at [newenglandslate.com](http://newenglandslate.com)

## NUMBER OF SLATES PER SQUARE AND NAILS REQUIRED FOR COMMON SLATE SIZES

| Slate Size | Pcs per Sq | Nail Length and Quantity per Square |            |            |            | Slate Size | Pcs per Sq | Nail Length and Quantity per Square |            |            |            |
|------------|------------|-------------------------------------|------------|------------|------------|------------|------------|-------------------------------------|------------|------------|------------|
|            |            | 1.25"                               | 1.50"      | 1.75"      | 2.00"      |            |            | 1.25"                               | 1.50"      | 1.75"      | 2.00"      |
| 24 x 16    | 86         | .98 lb/sq                           | 1.18 lb/sq | 1.38 lb/sq | 1.56 lb/sq | 16 x 11    | 201        | 2.28 lb/sq                          | 2.75 lb/sq | 3.22 lb/sq | 3.65 lb/sq |
| 24 x 14    | 98         | 1.11                                | 1.34       | 1.57       | 1.78       | 16 x 10    | 222        | 2.52                                | 3.04       | 3.55       | 4.04       |
| 24 x 12    | 114        | 1.30                                | 1.56       | 1.82       | 2.07       | 16 x 9     | 246        | 2.80                                | 3.37       | 3.94       | 4.47       |
| 22 x 14    | 108        | 1.23                                | 1.48       | 1.73       | 1.96       | 16 x 8     | 277        | 3.15                                | 3.79       | 4.43       | 5.04       |
| 22 x 12    | 126        | 1.43                                | 1.73       | 2.02       | 2.29       | 14 x 14    | 187        | 2.13                                | 2.56       | 2.99       | 3.40       |
| 22 x 11    | 138        | 1.57                                | 1.89       | 2.21       | 2.51       | 14 x 12    | 218        | 2.48                                | 2.99       | 3.49       | 3.96       |
| 20 x 14    | 121        | 1.38                                | 1.66       | 1.94       | 2.20       | 14 x 11    | 238        | 2.70                                | 3.26       | 3.81       | 4.33       |
| 20 x 12    | 141        | 1.60                                | 1.93       | 2.26       | 2.56       | 14 x 10    | 262        | 2.98                                | 3.59       | 4.19       | 4.76       |
| 20 x 11    | 154        | 1.75                                | 2.11       | 2.46       | 2.80       | 14 x 9     | 291        | 3.31                                | 3.99       | 4.66       | 5.29       |
| 20 x 10    | 169        | 1.92                                | 2.32       | 2.70       | 3.07       | 14 x 8     | 327        | 3.72                                | 4.48       | 5.23       | 5.95       |
| 18 x 14    | 137        | 1.56                                | 1.88       | 2.19       | 2.49       | 14 x 7     | 374        | 4.25                                | 5.12       | 5.98       | 6.80       |
| 18 x 12    | 160        | 1.82                                | 2.19       | 2.56       | 2.91       | 12 x 12    | 267        | 3.03                                | 3.66       | 4.27       | 4.85       |
| 18 x 11    | 175        | 1.99                                | 2.40       | 2.80       | 3.18       | 12 x 10    | 320        | 3.64                                | 4.38       | 5.12       | 5.82       |
| 18 x 10    | 192        | 2.18                                | 2.63       | 3.07       | 3.49       | 12 x 9     | 356        | 4.05                                | 4.88       | 5.70       | 6.47       |
| 18 x 9     | 213        | 2.42                                | 2.92       | 3.41       | 3.87       | 12 x 8     | 400        | 4.55                                | 5.48       | 6.40       | 7.27       |
| 16 x 14    | 158        | 1.80                                | 2.16       | 2.53       | 2.87       | 12 x 7     | 457        | 5.19                                | 6.26       | 7.31       | 8.31       |
| 16 x 12    | 185        | 2.10                                | 2.53       | 2.96       | 3.36       | 12 x 6     | 533        | 6.06                                | 7.30       | 8.53       | 9.69       |