

07 31 Shingles and Shakes

07 31 16 – Metal Shingles

07 31 16.20 Steel Shingles

| | | Crew | Daily Output | Labor-Hours | Unit | Material | 2022 Bare Costs Labor | Equipment | Total | Total Incl O&P |
|------|--------------------------------------|--------|--------------|-------------|------|----------|-----------------------|-----------|-------|----------------|
| 0010 | STEEL SHINGLES | | | | | | | | | |
| 0012 | Galvanized, 26 ga. | 1 Rots | 2.20 | 3.636 | Sq. | 293 | 180 | | 473 | 610 |
| 0200 | 24 ga. | " | 2.20 | 3.636 | | 435 | 180 | | 615 | 770 |
| 0300 | For colored galvanized shingles, add | | | | | 61.50 | | | 61.50 | 67.5 |

07 31 26 – Slate Shingles

07 31 26.10 Slate Roof Shingles

| | | | | | | | | | | |
|------|---|------------|--------|------|-------|------|-------|------|-------|-------|
| 0010 | SLATE ROOF SHINGLES | | | | | | | | | |
| | | R073126-20 | | | | | | | | |
| 0100 | Buckingham Virginia black, 3/16" - 1/4" thick | G | 1 Rots | 1.75 | 4.571 | Sq. | 690 | 227 | 917 | 1,125 |
| 0200 | 1/4" thick | G | | 1.75 | 4.571 | | 690 | 227 | 917 | 1,125 |
| 0900 | Pennsylvania black, Bangor, #1 clear | G | | 1.75 | 4.571 | | 620 | 227 | 847 | 1,050 |
| 1200 | Vermont, unfading, green, mottled green | G | | 1.75 | 4.571 | | 630 | 227 | 857 | 1,075 |
| 1300 | Semi-weathering green & gray | G | | 1.75 | 4.571 | | 505 | 227 | 732 | 925 |
| 1400 | Purple | G | | 1.75 | 4.571 | | 620 | 227 | 847 | 1,050 |
| 1500 | Black or gray | G | | 1.75 | 4.571 | | 540 | 227 | 767 | 965 |
| 1600 | Red | G | | 1.75 | 4.571 | | 1,475 | 227 | 1,702 | 1,975 |
| 1700 | Variegated purple | | | 1.75 | 4.571 | | 575 | 227 | 802 | 1,000 |
| 2700 | Ridge shingles, slate | | | 200 | .040 | L.F. | 12.70 | 1.98 | 14.68 | 17.5 |

07 31 29 – Wood Shingles and Shakes

07 31 29.13 Wood Shingles

| | | | | | | | | | | |
|------|--|--|--------|------|-------|------|------|-------|-------|-------|
| 0010 | WOOD SHINGLES | | | | | | | | | |
| 0012 | 16" No. 1 red cedar shingles, 5" exposure, on roof | | 1 Carp | 2.50 | 3.200 | Sq. | 465 | 180 | 645 | 780 |
| 0015 | Pneumatic nailed | | | 3.25 | 2.462 | | 465 | 139 | 604 | 715 |
| 0200 | 7-1/2" exposure, on walls | | | 2.05 | 3.902 | | 310 | 220 | 530 | 665 |
| 0205 | Pneumatic nailed | | | 2.67 | 2.996 | | 310 | 169 | 479 | 590 |
| 0300 | 18" No. 1 red cedar perfection, 5-1/2" exposure, on roof | | | 2.75 | 2.909 | | 465 | 164 | 629 | 755 |
| 0305 | Pneumatic nailed | | | 3.57 | 2.241 | | 465 | 126 | 591 | 700 |
| 0500 | 7-1/2" exposure, on walls | | 1 Carp | 2.25 | 3.556 | Sq. | 340 | 200 | 540 | 675 |
| 0505 | Pneumatic nailed | | | 2.92 | 2.740 | | 340 | 154 | 494 | 605 |
| 0600 | Resquared and rebutt, 5-1/2" exposure, on roof | | | 3 | 2.667 | | 360 | 150 | 510 | 620 |
| 0605 | Pneumatic nailed | | | 3.90 | 2.051 | | 360 | 115 | 475 | 565 |
| 0900 | 7-1/2" exposure, on walls | | | 2.45 | 3.265 | | 264 | 184 | 448 | 565 |
| 0905 | Pneumatic nailed | | | 3.18 | 2.516 | | 264 | 142 | 406 | 500 |
| 1000 | Add to above for fire retardant shingles | | | | | | 72 | | 72 | 79 |
| 1060 | Preformed ridge shingles | | 1 Carp | 400 | .020 | L.F. | 4.85 | 1.13 | 5.98 | 7.1 |
| 2000 | White cedar shingles, 16" long, extras, 5" exposure, on roof | | | 2.40 | 3.333 | Sq. | 160 | 188 | 348 | 455 |
| 2005 | Pneumatic nailed | | | 3.12 | 2.564 | | 160 | 144 | 304 | 390 |
| 2050 | 5" exposure on walls | | | 2 | 4 | | 160 | 225 | 385 | 510 |
| 2055 | Pneumatic nailed | | | 2.60 | 3.077 | | 160 | 173 | 333 | 435 |
| 2100 | 7-1/2" exposure, on walls | | | 2 | 4 | | 114 | 225 | 339 | 460 |
| 2105 | Pneumatic nailed | | | 2.60 | 3.077 | | 114 | 173 | 287 | 385 |
| 2150 | "B" grade, 5" exposure on walls | | | 2 | 4 | | 180 | 225 | 405 | 535 |
| 2155 | Pneumatic nailed | | | 2.60 | 3.077 | | 180 | 173 | 353 | 455 |
| 2300 | For #15 organic felt underlayment on roof, 1 layer, add | | | 64 | .125 | | 4.43 | 7.05 | 11.48 | 15.5 |
| 2400 | 2 layers, add | | | 32 | .250 | | 8.85 | 14.10 | 22.95 | 31.0 |
| 2600 | For steep roofs (7/12 pitch or greater), add to above | | | | | | | 50% | | |
| 2700 | Panelized systems, No. 1 cedar shingles on 5/16" CDX plywood | | | | | | | | | |
| 2800 | On walls, 8' strips, 7" or 14" exposure | | 2 Carp | 700 | .023 | S.F. | 9.30 | 1.29 | 10.59 | 12.8 |
| 3500 | On roofs, 8' strips, 7" or 14" exposure | | 1 Carp | 3 | 2.667 | Sq. | 705 | 150 | 855 | 1,000 |
| 3505 | Pneumatic nailed | | " | 4 | 2 | " | 705 | 113 | 818 | 950 |