

CONVERSION CHARTS

Coverage per bundle or box in square feet of various packs at different exposures

Updated 03-19-21

| EXPOSURE | | 4 1/2" | 5" | 5 1/2" | 6" | 6 1/2" | 7" | 7 1/2" | 8" | 8 1/2" | 9" | 9 1/2" | 10" | 10 1/2" | 11" | 11 1/2" | 12" | 12 1/2" | 13" | 13 1/2" | 14" | |
|---------------------------------|-------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| SHINGLE CONVERSION CHART | PACK | 14 straight | 8.094 | 8.993 | 9.892 | 10.792 | 11.691 | 12.590 | 13.489 | 14.388 | 15.284 | 16.188 | 17.086 | 17.986 | 18.885 | 19.784 | 20.680 | 21.584 | 22.478 | 23.382 | 24.282 | 25.180 |
| | | 9/9 | 9.250 | 10.278 | 11.305 | 12.333 | 13.361 | 14.389 | 15.416 | 16.444 | 17.472 | 18.500 | 19.528 | 20.555 | 21.583 | 22.611 | 23.639 | 24.667 | 25.694 | 26.722 | 27.750 | 28.778 |
| | | 10/10 | 11.563 | 12.847 | 14.132 | 15.417 | 16.701 | 16.701 | 17.986 | 19.271 | 20.556 | 21.840 | 23.125 | 25.694 | 26.979 | 28.264 | 29.549 | 30.833 | 32.118 | 33.403 | 34.688 | 35.972 |
| | | 12/12 SHAKES | 12.333 | 13.704 | 15.073 | 16.444 | 17.814 | 19.185 | 20.554 | 21.925 | 23.295 | 24.666 | 26.037 | 27.406 | 28.777 | 30.147 | 31.518 | 32.889 | 34.258 | 35.629 | 36.999 | 38.370 |
| | | 13/14 | 15.609 | 17.343 | 19.078 | 20.812 | 22.546 | 24.281 | 26.015 | 27.750 | 29.484 | 31.218 | 32.952 | 34.687 | 36.421 | 38.156 | 39.890 | 41.625 | 43.965 | 45.093 | 46.827 | 48.562 |
| | | 14/14 | 16.187 | 17.986 | 19.785 | 21.583 | 23.382 | 25.181 | 26.979 | 28.778 | 30.576 | 32.375 | 34.174 | 35.972 | 37.771 | 39.569 | 41.368 | 43.167 | 44.965 | 46.764 | 48.562 | 50.361 |
| | | 18/18 | 20.812 | 23.125 | 25.437 | 27.750 | 30.062 | 32.375 | 34.686 | 37.000 | 39.312 | 41.625 | 43.938 | 46.248 | 48.562 | 50.875 | 53.187 | 55.500 | 57.811 | 60.124 | 62.437 | 64.750 |
| | | 20/20 | 23.124 | 25.694 | 28.264 | 30.832 | 33.402 | 35.972 | 38.540 | 41.110 | 43.680 | 46.250 | 48.818 | 51.388 | 53.958 | 56.526 | 59.096 | 61.666 | 64.236 | 66.804 | 69.374 | 71.944 |
| | | 28/28 | 32.375 | 35.972 | 39.570 | 43.166 | 46.764 | 50.352 | 53.958 | 57.556 | 61.152 | 64.750 | 68.348 | 71.944 | 75.542 | 79.138 | 82.736 | 86.334 | 89.930 | 93.528 | 97.124 | 100.722 |

Shingles & Shakes are packed as follows:

| | |
|----------------------------|-----------------------|
| Barn Shakes | 14 pack |
| 18" Handsplits & Tapersawn | 9/9 pack & 12/12 pack |
| 24" Handsplits & Tapersawn | 9/9 pack |
| 16" Shingles | 20/20 pack |
| 18" #1 Perfections | 18/18 pack |
| 24" #1 Royals & 24" R & R | 13/14 pack |
| 18" Natural Grooved | 14/14, 28/28 pack |
| 18" Prime White Grooved | 14/14, 28/28 pack |
| 18" R & R | 14/14, 28/28 pack |
| 18" Natural Smoothfits | 14/14, 28/28 pack |



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| FOR NEW ROOF CONSTRUCTION | | OVER-ROOFING CONSTRUCTION | | DOUBLE-COURSI | |
|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| FOR 16" & 18" SHINGLES | | FOR 24" SHINGLES | FOR 16" & 18" SHINGLES | FOR 24" SHINGLES | FOR ALL SHINGLES |
| 1 1/4" LONG | 1 1/4" LONG 3D | 1 1/2" LONG 4D | 1 3/4" LONG | 2" LONG | 1 3/4" LONG |
| APPROX. 376 NAILS TO LB. | APPROX. 515 NAILS TO LB. | APPROX. 382 NAILS TO LB. | APPROX. 310 NAILS TO LB. | APPROX. 220 NAILS TO LB. | APPROX. 380 NAILS TO LB. |

BE SURE TO USE RUST RESISTANT NAILS
For applications instructions see Cedar Shake & Shingle Bureau at www.cedarbureau.org or call 604-820-7700.

LINEAL FOOT CONVERSION CHART

To convert square footage to lineal footage, take square feet multiplied by 12, take that number and divide it by the bevel exposure or net decking width = lineal footage.

To convert square footage to board footage, thickness X width divided by 12 X square footage = board footage.

To convert board footage to lineal footage, divide board footage by the factor = lineal footage.

To convert lineal footage to board footage, multiply lineal footage by the factor = board footage.

| | | | | | |
|----------------|-----------------|---------------|-----------------|-------------------|----------------|
| 1 X 2 = .1667 | 2 X 2 = .3333 | 3 X 3 = .75 | 4 X 4 = 1.3333 | 5/4 X 2 = .2083 | 6 X 6 = 3.000 |
| 1 X 3 = .2500 | 2 X 3 = .5000 | 3 X 4 = 1.000 | 4 X 5 = 1.6666 | 5/4 X 3 = .3125 | 6 X 8 = 4.000 |
| 1 X 4 = .3333 | 2 X 4 = .6667 | 3 X 5 = 1.25 | 4 X 6 = 2.000 | 5/4 X 4 = .4167 | 6 X 10 = 5.000 |
| 1 X 5 = .4167 | 2 X 5 = .8333 | 3 X 6 = 1.50 | 4 X 8 = 2.6667 | 5/4 X 5 = .5208 | 6 X 12 = 6.000 |
| 1 X 6 = .5000 | 2 X 6 = 1.000 | 3 X 8 = 2.00 | 4 X 10 = 3.3333 | 5/4 X 6 = .6250 | |
| 1 X 7 = .5833 | 2 X 7 = 1.1667 | 3 X 10 = 2.50 | 4 X 12 = 4.000 | 5/4 X 7 = .7291 | |
| 1 X 8 = .6667 | 2 X 8 = 1.3333 | 3 X 12 = 3.00 | | 5/4 X 8 = .8333 | |
| 1 X 9 = .7500 | 2 X 9 = 1.5000 | | | 5/4 X 9 = .9375 | |
| 1 X 10 = .8333 | 2 X 10 = 1.6667 | | | 5/4 X 10 = 1.0417 | |
| 1 X 11 = .9167 | 2 X 11 = 1.8333 | | | 5/4 X 11 = 1.1458 | |
| 1 X 12 = 1.000 | 2 X 12 = 2.000 | | | 5/4 X 12 = 1.2500 | |