

ROOF SQUARES CHART

Fifteen common footprints against six pitches, so you can find a house roughly the size of the one in front of you and see the squares before you measure anything.

A roofing square is 100 square feet of roof surface, and a bundle of architectural shingles covers about a third of one. The number that matters is therefore squares, not square feet, and it is the number a supply house wants when you call an order in.

Every figure in this table came out of the roofing calculator with a 10 percent waste allowance already applied, which is the normal allowance on a simple gable. A cut up roof with valleys, dormers and hips wants 15 percent and sometimes more.

Roofing squares by footprint and pitch

Footprint	Ground area	3/12	4/12	6/12	8/12	10/12	12/12
20 x 30 ft	600 sq ft	6.8	7	7.4	7.9	8.6	9.3
22 x 24 ft	528 sq ft	6	6.1	6.5	7	7.6	8.2
24 x 30 ft	720 sq ft	8.2	8.3	8.9	9.5	10.3	11.2
24 x 36 ft	864 sq ft	9.8	10	10.6	11.4	12.4	13.4
24 x 40 ft	960 sq ft	10.9	11.1	11.8	12.7	13.7	14.9
26 x 40 ft	1,040 sq ft	11.8	12.1	12.8	13.7	14.9	16.2
28 x 40 ft	1,120 sq ft	12.7	13	13.8	14.8	16	17.4
30 x 40 ft	1,200 sq ft	13.6	13.9	14.8	15.9	17.2	18.7
30 x 50 ft	1,500 sq ft	17	17.4	18.4	19.8	21.5	23.3
32 x 48 ft	1,536 sq ft	17.4	17.8	18.9	20.3	22	23.9
36 x 48 ft	1,728 sq ft	19.6	20	21.3	22.8	24.7	26.9
40 x 50 ft	2,000 sq ft	22.7	23.2	24.6	26.4	28.6	31.1
40 x 60 ft	2,400 sq ft	27.2	27.8	29.5	31.7	34.4	37.3
40 x 80 ft	3,200 sq ft	36.3	37.1	39.4	42.3	45.8	49.8
50 x 60 ft	3,000 sq ft	34	34.8	36.9	39.7	43	46.7

Squares of roof surface, waste included. A square is 100 square feet, and at three bundles to a square a 30 square roof is 90 bundles.

Every figure on this sheet was produced by the same calculator that runs at contractorhandbook.com, free and with no signup.

These are estimating figures for ordering and pricing, not engineering. Nothing here sizes a structural member, checks a load, or replaces local code, a permit, or a manufacturer's installation instructions. Where a rule of thumb is doing the work it is written into the notes under each table rather than hidden.