

When estimating the amount of materials needed for a roof, there are a number of factors that should be taken into consideration. Firstly, calculate the total area of the roof in square metres and always allow an extra 10% for the main materials to account for wastage or unforeseen problems. The values given below are only an estimate and will depend on the detail of the roof surface. The quantities for decking board are based on an exact calculation of the area of coverage of each board, in practice, this should be considered a conservative estimate.

Materials estimation chart

Roof Size (M ²)	Resin Required		Topcoat required		CSM required (Rolls of approx. 30kg)		Bandage required 1 roll = 60m	Decking boards (8'X2') Values based on area only	Ancillaries required					
	kg	20 kg cans	kg	20 kg cans	kg	Rolls (30kg)			Rollers	C-rollers (may need diff. sizes)	Brushes	Acetone (Litres)	Buckets	Catalyst (5L @ 4% usage)
5	7.5	1/2	2.5	1/4	2.5	1/4	1	4	1	1	1	5	2	1
10	15	1	5	1/4	5	1/4	1	7	1	1	2	5	2	1
15	22.5	1 1/2	7.5	1/2	7.5	1/3	1	11	1	1	2	5	2	1
20	30	1 1/2	10	1/2	10	1/3	1	14	1	1	2	5	2	1
25	37.5	2	12.5	3/4	12.5	1/2	1	18	2	1	2	5	2	1
30	45	2 1/2	15	3/4	15	1/2	1	21	2	1	2	5	2	1
35	52.5	3	17.5	1	17.5	2/3	1	25	2	1	4	5	4	1
40	60	3	20	1	20	2/3	2	28	2	1	4	5	4	1
45	67.5	3 1/2	22.5	1 1/4	22.5	3/4	2	32	2	1	4	5	4	1
50	75	4	25	1 1/4	25	3/4	2	35	2	1	4	5	4	1
55	82.5	4 1/2	27.5	1 1/2	27.5	1	2	39	3	1	4	5	4	1
60	90	4 1/2	30	1 1/2	30	1	2	42	3	1	4	5	4	1
65	97.5	5	32.5	1 3/4	32.5	1 1/4	2	46	3	1	6	5	6	1
70	105	5 1/2	35	1 3/4	35	1 1/4	2	49	3	1	6	5	6	1
75	112.5	6	37.5	2	37.5	1 1/3	3	53	3	1	6	5-10	6	1
80	120	6	40	2	40	1 1/3	3	56	4	1	6	5-10	6	2
85	127.5	6 1/2	42.5	2 1/4	42.5	1 1/2	3	60	4	1	6	5-10	6	2
90	135	7	45	2 1/4	45	1 1/2	3	63	4	1	6	5-10	6	2
95	142.5	7 1/2	47.5	2 1/2	47.5	1 2/3	3	66	4	1	8	5-10	8	2
100	150	7 1/2	50	2 1/2	50	1 2/3	3	69	4	1	8	5-10	8	2

Notes

- Before starting any roof always calculate the area of the roof and take into account the complexity of the job before choosing your materials.
- Always ensure that you plan ahead to have enough materials to complete the job.
- Always allow extra time and materials for any detail.
- Many of the ancillaries are dependant on the number of people working on the roof; increase them accordingly.