



QUICK MATERIALS CALCULATOR

PRIMARY MATERIALS

ROOF AREA (m ²)	BASE COAT CANS	TOP COAT CANS	BANDAGE ROLLS	450gm GLASS-MAT (kg)	CATALYST (1 Litre)	DECKING BOARDS 2.4m x 0.6m x 18mm 1.4m ² per board
TUFFSTUFF CODES	TSP01	TSP02/2A	TSA57	TSP03/3A/3B	TSA38-43	
5	1 x 15kg	1 x 5kg	1	1 x 5.5kg	1	5
10	1 x 15kg	1 x 5kg	1	1 x 5.5kg	1	8
15	2 x 15kg	2 x 5kg	1	2 x 5.5kg	2	12
20	2 x 15kg	2 x 5kg	1	2 x 5.5kg	2	15
25	3 x 15kg	1 x 15kg	1	1 x 16.5kg	2	19
30	3 x 15kg	1 x 15kg 1 x 5kg	1	1 x 16.5kg	3	23
35	4 x 15kg	1 x 15kg 1 x 5kg	1	1 x 16.5kg 1 x 5.5kg	3	26
40	4 x 15kg	1 x 15kg 2 x 5kg	1	1 x 16.5kg 1 x 5.5kg	3	30
50	5 x 15kg	2 x 15kg	2	1 x 16.5kg 2 x 5.5kg	4	38
60	6 x 15kg	2 x 15kg 1 x 5kg	2	1 x 33kg	5	46
70	7 x 15kg	2 x 15kg 2 x 5kg	2	1 x 33kg 1 x 5.5kg	5	54
80	8 x 15kg	3 x 15kg	2	1 x 33kg 1 x 5.5kg	6	61
90	9 x 15kg	3 x 15kg 1 x 5kg	2	1 x 33kg 2 x 5.5kg	7	69
100	10 x 15kg	3 x 15kg 2 x 5kg	2	1 x 33kg 1 x 16.5kg	7	77

ADDITIONAL MATERIALS

ROOF SIZE (m ²)	3" ROLLERS	3" ROLLER SLEEVES	7" ROLLERS	7" ROLLER SLEEVES	SMALL PADDLE ROLLERS	LARGE PADDLE ROLLERS	SMALL BRUSHES	LARGE BRUSHES	ACETONE (LITRES)	SMALL BUCKETS	LARGE BUCKETS	TRIM ADHESIVE
TUFFSTUFF CODES	TSA51	TSA55	TSA52	TSA56	TSA53	TSA54	TSA47/8	TSA49/50	TSA45/6	TSA62	TSA63	TSA58
5	1	2	1	2	1	1	1	2	5	1	2	1
10	1	2	2	3	1	1	1	2	5	1	2	1
20	1	3	2	4	1	1	2	2	5	1	2	2
40	1	3	2	6	1	1	2	4	5	1	3	3
60	2	4	3	8	1	1	4	6	5	2	3	4
80	2	4	3	10	1	1	4	8	10	2	4	6
100	3	5	3	12	1	2	5	10	10	2	4	7

Preformed GRP edge trims are not included in this table. These are available in 3m lengths and have to be measured separately.

*If using the thicker heavy duty system (600gm mat) for example on balconies, walkways or critical applications you will need to use 33% more Base Coat due to the thicker heavier mat.



RESIN USAGE & CATALYST CHARTS

BASECOAT USAGE CHART	
AREA (m ²)	BASECOAT RESIN (litres)
1m ²	1.2
2m ²	2.4
3m ²	3.6
4m ²	4.8
5m ²	6.0
6m ²	7.2
7m ²	8.4
8m ²	9.6
9m ²	10.8
10m ²	12.0
15m ²	18.0
20m ²	24.0
25m ²	30.0
30m ²	36.0
40m ²	48.0
50m ²	60.0
60m ²	72.0
70m ²	84.0

TOPCOAT USAGE CHART	
AREA (m ²)	TOPCOAT RESIN (litres)
1m ²	0.5
2m ²	1.0
3m ²	1.5
4m ²	2.0
5m ²	2.5
6m ²	3.0
7m ²	3.5
8m ²	4.0
9m ²	4.5
10m ²	5.0
15m ²	7.5
20m ²	10.0
25m ²	12.5
30m ²	15.0
40m ²	20.0
50m ²	25.0
60m ²	30.0
70m ²	35.0

How much catalyst do I need to add to Basecoat and Top Coat resins?*

TEMPERATURE	25-30°C	14-24°C	4-13°C	IN COLD CONDITIONS STORE THE RESINS IN A WARM ENVIRONMENT
CATALYST GRADE	EXTRA SLOW SUMMER	SUMMER	WINTER	

TEMPERATURE	20-30°C	13-19°C	9-12°C	4-8°C
PERCENTAGE *CATALYST	1% CATALYST	2% CATALYST	3% CATALYST	4% CATALYST

CATALYST REQUIRED (Millilitres) - always mix well				
QUANTITY OF RESIN (Litres)	CATALYST REQUIRED			
	WARMER 1% MIN	2%	3%	COOLER 4% MAX
1	10ml	20ml	30ml	40ml
2	20ml	40ml	60ml	80ml
3	30ml	60ml	90ml	120ml
4	40ml	80ml	120ml	160ml
5	50ml	100ml	150ml	200ml
6	60ml	120ml	180ml	240ml
7	70ml	140ml	210ml	280ml
8	80ml	160ml	240ml	320ml
9	90ml	180ml	270ml	360ml
10	100ml	200ml	300ml	400ml

*The figures shown are a guide only and if in doubt as to the actual amounts of catalyst to be added for a given situation then prepare a small trial mix to ascertain the actual curing rate.