

Estimating Guides for SET-XP® and ET-HP® Adhesives



Calculation Assumptions

25% waste used in calculations

Contact Simpson Strong-Tie
for estimation not covered in these tables.



Threaded Rod — Number of holes per 650 ml Cartridge

Rod Dia. (mm)	Drill Bit Dia. (mm)	Threaded Rod in Solid Base Material Hole Depth (mm)																		
		50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
10	12	158	106	79	63	53	45	40	35	32	29	26	24	23	21	20	19	18	17	16
12	14	124	82	62	49	41	35	31	27	25	22	21	19	18	16	15	15	14	13	12
16	18	82	55	41	33	27	23	20	18	16	15	14	13	12	11	10	10	9	9	8
20	24	40	26	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4.4	4.2	4.0
22	25	41	28	21	17	14	12	10	9	8	8	7	6	6	5	5	4.6	4.4	4.1	
24	28	31	21	15	12	10	9	8	7	6	6	5	5	4.4	4.1	3.9	3.6	3.4	3.3	3.1
27	30	31	20	15	12	10	9	8	7	6	6	5	5	4.4	4.1	3.8	3.6	3.4	3.2	3.1
30	35	20	13	10	8	7	6	5	4.4	4.0	3.6	3.3	3.0	2.8	2.6	2.5	2.3	2.2	2.1	2.0

Estimate only. Actual usage may vary from these values depending on waste



Rebar Dowels — Number of holes per 650 ml Cartridge

Rebar Size	Drill Bit Dia. (mm)	Threaded Rod in Solid Base Material Hole Depth (mm)																		
		50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
10	14	107	72	54	43	36	31	27	24	21	20	18	17	15	14	13	13	12	11	11
12	16	90	60	45	36	30	26	23	20	18	16	15	14	13	12	11	11	10	9	9
16	20	67	45	34	27	22	19	17	15	13	12	11	10	10	9	8	8	7	7	7
20	25	43	29	22	17	14	12	11	10	9	8	7	7	6	6	5	5	5	5	4.3
25	30	34	23	17	14	11	10	9	8	7	6	6	5	5	5	4.3	4.0	3.8	3.6	3.4
28	35	22	15	11	9	7	6	6	5	4.4	4.0	3.7	3.4	3.1	2.9	2.8	2.6	2.4	2.3	2.2
32	40	17	11	8	7	6	5	4.2	3.7	3.4	3.1	2.8	2.6	2.4	2.2	2.1	2.0	1.9	1.8	1.7

Estimate only. Actual usage may vary from these values depending on waste