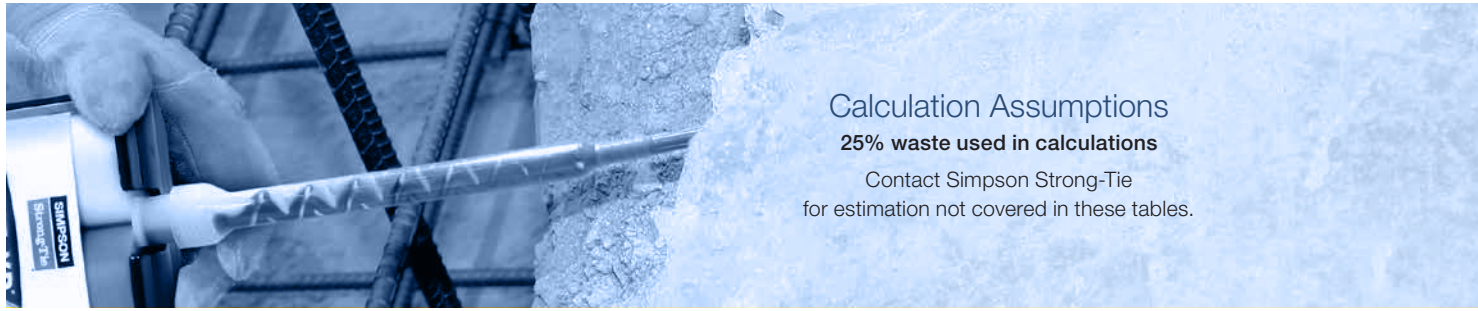


Estimating Guides for AT-HP® Blue Adhesives



Calculation Assumptions

25% waste used in calculations

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

Threaded Rod — Number of holes per 280 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
8	10	91	61	45	36	30	26	23	20	18	17	15	14	13	12	11	11	10	10	9
10	12	68	45	34	27	23	19	17	15	14	12	11	10	10	9	9	8	8	7	7
12	14	53	36	27	21	18	15	13	12	11	10	9	8	8	7	7	6	6	6	5
16	18	35	24	18	14	12	10	9	8	7	6	6	5	5	5	4.4	4.1	3.9	3.7	3.5
20	22	25	17	13	10	8	7	6	6	5	5	4.2	3.9	3.6	3.4	3.1	3.0	2.8	2.7	2.5
24	28	13	9	7	5	4.4	3.8	3.3	3.0	2.7	2.4	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
27	30	13	9	7	5	4.4	3.8	3.3	2.9	2.6	2.4	2.2	2.0	1.9	1.8	1.6	1.5	1.5	1.4	1.3
30	35	9	6	4.3	3.4	2.8	2.4	2.1	1.9	1.7	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.9

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

Threaded Rod — Number of holes per 380 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
8	10	123	82	62	49	41	35	31	27	25	22	21	19	18	16	15	15	14	13	12
10	12	93	62	46	37	31	26	23	21	19	17	15	14	13	12	12	11	10	10	9
12	14	72	48	36	29	24	21	18	16	14	13	12	11	10	10	9	9	8	8	7
16	18	48	32	24	19	16	14	12	11	10	9	8	7	7	6	6	6	5	5	5
20	22	34	23	17	14	11	10	9	8	7	6	6	5	5	5	4.3	4.0	3.8	3.6	3.4
24	28	18	12	9	7	6	5	5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8
27	30	18	12	9	7	6	5	4.5	4.0	3.6	3.2	3.0	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8
30	35	12	8	6	5	3.9	3.3	2.9	2.6	2.3	2.1	1.9	1.8	1.7	1.5	1.4	1.4	1.3	1.2	1.2

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

Estimating Guides for AT-HP® Blue Adhesives



Calculation Assumptions

25% waste used in calculations

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

Adhesive Anchors

Rebar Dowels — Number of holes per 280 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
8	12	57	38	28	23	19	16	14	13	11	10	9	9	8	8	7	7	6	6	6
10	14	46	31	23	19	15	13	12	10	9	8	8	7	7	6	6	5	5	5	5
12	16	39	26	19	16	13	11	10	9	8	7	6	6	6	5	5	5	4.3	4.1	3.9
14	18	33	22	17	13	11	10	8	7	7	6	6	5	5	4.4	4.2	3.9	3.7	3.5	3.3
16	20	29	19	15	12	10	8	7	6	6	5	5	4.5	4.2	3.9	3.6	3.4	3.2	3.1	2.9
20	25	19	12	9	7	6	5	5	4.1	3.7	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2.1	2.0	1.9
25	30	15	10	7	6	5	4.2	3.7	3.3	2.9	2.7	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.5

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

Rebar Dowels — Number of holes per 380 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
8	12	77	51	38	31	26	22	19	17	15	14	13	12	11	10	10	9	9	8	8
10	14	63	42	31	25	21	18	16	14	13	11	10	10	9	8	8	7	7	7	6
12	16	53	35	26	21	18	15	13	12	11	10	9	8	8	7	7	6	6	6	5
14	18	45	30	23	18	15	13	11	10	9	8	8	7	6	6	6	5	5	5	5
16	20	39	26	20	16	13	11	10	9	8	7	7	6	6	5	5	5	4.4	4.2	3.9
20	25	25	17	13	10	8	7	6	6	5	5	4.2	3.9	3.6	3.4	3.2	3.0	2.8	2.7	2.5
25	30	20	13	10	8	7	6	5	4.4	4.0	3.6	3.3	3.1	2.8	2.7	2.5	2.3	2.2	2.1	2.0

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