



JOINT ESTIMATION TABLE:

Look up the joint width in the left hand column. Calculations for depths ranging from 1/8" (0.125") to 1" are provided. Stated values are for caulking. To calculate spray requirements, add actual joint width + overspray to determine JOINT WIDTH. Example: Actual joint width = 4", overspray = 1" on both sides. JOINT WIDTH would be 6". For wider joints, such as 8" joints, double the values shown in the 4" JOINT WIDTH Estimation.

JOINT ESTIMATION TABLE												
JOINT WIDTH	PER 1/8" INSTALLED DEPTH			PER 1/4" INSTALLED DEPTH			PER 1/2" INSTALLED DEPTH			PER 1" INSTALLED DEPTH		
	CU IN/FT	FT/GAL	GAL/100 FT	CU IN/FT	FT/GAL	GAL/100 FT	CU IN/FT	FT/GAL	GAL/100 FT	CU IN/FT	FT/GAL	GAL/100 FT
0.5	0.8	308.0	0.3	1.5	154	0.6	3.0	77.0	1.3	6.0	38.5	2.6
0.75	1.1	205.3	0.5	2.2	102.7	1.0	4.5	51.3	1.9	9.0	25.7	3.9
1.0	1.5	154.0	0.6	3.0	77.0	1.3	6.0	38.5	2.6	12.0	19.3	5.2
1.5	2.2	102.7	1.0	4.5	51	2	9.0	25.7	3.9	18	12.8	7.8
2.0	3.0	77.0	1.3	6.0	38	2.6	12	19.3	5.2	24	9.6	10.4
2.5	3.8	61.6	1.6	8.0	31	3.3	15	15.4	6.5	30	7.7	13.0
3.0	4.5	51.3	1.9	9.0	25	3.9	18	12.8	7.8	36	6.4	15.6
3.5	5.2	44.0	2.3	11	22	4.6	21	11.0	9.1	42	5.5	18.2
4.0	6.0	38.5	2.6	12	19	5.2	24	9.6	10.4	48	4.8	20.8
5.0	7.5	30.8	3.2	15	15	6.5	30	7.7	13.0	60	3.9	26.0
6.0	9.0	25.7	3.9	18	12	7.8	36	6.4	15.6	72	3.2	31.2

IMPORTANT NOTE: This table is for estimation purposes only. Consult UL Fire Resistance Directory or STI Product & Application Guide for specific installation requirements and limitations.

