

## Temperatures, Times and Yields

		Application Temperatures			Cure Profile*			Yields** (ASTM C-1536)				
Description		Product #	Surface Temp	Product Temp	Max. Service Temp of Cured Foam	Humidity % RH*	Tack-Free	Trim Time	Bead Diameter	Linear Feet (+)	Cubic Feet (+)	Board Feet (+) ***
Gun Foam	All-Seasons Gun Foam	4004529812	20-120 <sup>0</sup> F	60-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	10 min	30 min	1/4"	2200		
			40-100 <sup>0</sup> F optimum						3/8"	1000		
	Black Gun Foam	4004529813	60-100 <sup>0</sup> F	60-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	10 min	30 min	1/4"	3200		
									3/8"	1420		
	Gun Foam II Fireblocking Foam	4004528712	60-100 <sup>0</sup> F	60-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	10 min	30 min	1/4"	3200		
									3/8"	1420		
	Latex Sealant	4001401612	60-100 <sup>0</sup> F	60-90 <sup>0</sup> F	240 <sup>0</sup> F	<70%	30 min	24 hrs	1/4"	400		
3/8"									180			
No-Warp Window & Door Foam	4004529712	60-100 <sup>0</sup> F	60-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	10 min	30 min	1/4"	2100			
								3/8"	900			
Panel Bond	4004532412	60-100 <sup>0</sup> F	60-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	10 min	30 min	1/2"	750			
Straw Foam	Quick Cure Straw Foam (12 oz.)	4004521212	60-100 <sup>0</sup> F	<90 <sup>0</sup> F	240 <sup>0</sup> F	50%	30 min	4 hrs	1/4"	900		
									3/8"	400		
	Quick Cure Straw Foam (24 oz.)	4004521224	60-100 <sup>0</sup> F	<90 <sup>0</sup> F	240 <sup>0</sup> F	50%	30 min	4 hrs	1/4"	1800		
									3/8"	800		
Cylinders	High Yield 10#	4004518100	60-100 <sup>0</sup> F	70-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	8 min	45 min	1/4"	15300	5.2	
									3/8"	6800		
	High Yield 16#	4004518160	60-100 <sup>0</sup> F	70-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	8 min	45 min	1/4"	24400	8.3	
									3/8"	10900		
	Reduced Expansion 10#	4004510950	60-100 <sup>0</sup> F	70-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	8 min	45 min	1/4"	14700	5	
									3/8"	6500		
Reduced Expansion 16#	4004516900	60-100 <sup>0</sup> F	70-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	8 min	45 min	1/4"	24000	8		
								3/8"	10500			
Liner Bond	4004517100	60-100 <sup>0</sup> F	60-90 <sup>0</sup> F	250 <sup>0</sup> F	55%	30	24 hrs	275 sq. ft. (2 tanks/sidewall)				
Two-Component	Foam Kit 15	4004520015	60-100 <sup>0</sup> F	70-80 <sup>0</sup> F	240 <sup>0</sup> F	50%	1 min				1.25	15
	Foam Kit 110	4004520110	60-100 <sup>0</sup> F	70-80 <sup>0</sup> F	240 <sup>0</sup> F	50%	1 min				9.1	110
	Foam Kit 120	4004523120	60-100 <sup>0</sup> F	70-80 <sup>0</sup> F	240 <sup>0</sup> F	50%	1 min				10	120
	Foam Kit 200	4004520200	60-100 <sup>0</sup> F	70-80 <sup>0</sup> F	240 <sup>0</sup> F	50%	1 min				16.6	200
	Foam Kit 200 FR	4004001200	60-100 <sup>0</sup> F	70-80 <sup>0</sup> F	240 <sup>0</sup> F	50%	1 min				16.6	200
	Foam Kit 300 FR	4004520300	60-100 <sup>0</sup> F	70-80 <sup>0</sup> F	200 <sup>0</sup> F	50%	1 min				33.6	300
	Foam Kit 600	4004520600	60-100 <sup>0</sup> F	70-80 <sup>0</sup> F	240 <sup>0</sup> F	50%	1 min				50	600
	Foam Kit 600 FR	4004521600	60-100 <sup>0</sup> F	70-80 <sup>0</sup> F	240 <sup>0</sup> F	50%	1 min				50	600
	Foam Kit 1000 FR	4004521000	60-100 <sup>0</sup> F	70-80 <sup>0</sup> F	200 <sup>0</sup> F	50%	1 min				112	1000
	Refillables, 17 Gallon	4505100000	60-100 <sup>0</sup> F	70-90 <sup>0</sup> F	240 <sup>0</sup> F	50%	1 min				170	2000

\* Cure Profile (Finishing Time) based on 50% relative humidity. Cure time increases as humidity decreases.  
Cure Profile is defined as the amount of time required to achieve clean, residue-free trimming with a razor.

\*\* All Touch 'n Seal yields are calculated according to ASTM C-1536. Theoretical yield is used as an industry standard to represent the size of two-component foam kits. The calculation is based on ideal laboratory conditions, does not include blowing agent loss, and may vary according to application method or environmental factors.

\*\*\* A board foot is defined as 12"x12" square at 1" deep/thick foam