

TYPICAL PHYSICAL PROPERTIES GREAT STUFF PRO™ WINDOW & DOOR FOAM

Description: Minimal expanding single-component, low pressure formulation polyurethane foam sealant proven not to bow windows and doors.



Parameter	Gun Foam	Straw Foam
Size	20 oz.	20 oz.
Shelf life at 75°	18 months	18 months
Code Approvals	UL Classified	UL Classified
Flame Spread	10	10
Smoke	20	20
Core density (pcf)	1.6	1.8
Overall (w/skin) bead density (pcf)	2.4	2.9
Appearance	semi-flexible soft	semi-flexible soft
Color	yellow	yellow
Tack free time	6-9 minutes	6-9 minutes
Cutting time	1 hour	1 hour
Cure time	12 hours	12 hours

Physical Properties (both gun & straw)

Yield 550 Lineal Ft @ 3/8" bead (Gun) 440 Lineal Ft @ 3/8" bead (Straw)	ASTM C203 Parallel, psi 4.6 Perpendicular, psi	Dimensional Stability ASTM D2126, % Vol Change 100°F/100%RH@1wk 1.372 100°F/100%RH@2wks -0.046
Ordering Information Part number reference Gun Foam part # 187273 Straw Foam part # 197711	Apparent K-Factor ASTM C518, (BTU-in)/(ft ² -hr-°F) Initial 0.275 Aged 6 Months 0.274 Aged 12 Months 0.274 Aged 18 Months Aged 24 Months	158°F/100%RH@1wk -1.065 158°F/100%RH@2wks -2.741 -40°F/amb RH@1wk 1.263 -40°F/amb RH@2wks 3.009
Accessories Pro 13 Gun part # 230408 Pro 14 Gun part # 230409 Pro 15 Gun part # 230410	Accelerated Service Conditions ASTM D756 Procedure A % Volume Change -0.306 % Weight Change -0.487	-100°F/ambRH@1wk -0.753 -100°F/ambRH@2wks 2.824 158°F/amb RH@1wk -2.002 158°F/amb RH@2wks -4.427
*replaceable tip for Pro 14 gun (Part # 259200)	Procedure B % Volume Change -2.310 % Weight Change -1.648	212°F/amb RH@1wk -4.154 212°F/amb RH@2wks -5.033
ASTM / AAMA Test Approvals ASTM E283 Rate of Air Leakage Test ASTM E331 Water Penetration Test of Exterior Windows ASTM E547 Cyclic Method for Water Penetration Testing of Windows @ High and Low Air & High Water Pressure ASTM E2112 Standard Practice for Installation of Exterior Windows, Doors and Skylights (Annex A) AAMA 812-04 Voluntary Practice for Assessment of Single-Component Aerosol Expanding Foam for Sealing Rough Openings of Fenestration Installations		Open Cell Content ASTM D2856 % Open Cell Content <92.37 Tensile Strength ASTM D1623 Parallel, psi 8.1 Perpendicular, psi n/a Elongation, % 17.2 * "Test immed. After cut" Shear Strength ASTM C273 Parallel, psi 8.71 Perpendicular, psi n/a Water Vapor Transmission ASTM E96, perm-in TBA
		Compressive Strength ASTM D1621 Parallel, psi 2.3 Perpendicular, psi Apparent Density ASTM D1622, pcf 1.82 Water Absorption ASTM D2842 % Water Absorbed 11.19



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