

Saint-Gobain Norton® Log Home Foam® V790

Category : Polymer

Material Notes:

Description: Provides Positive Seal in Log Home Joints: Norseal® Log Home Foam® V790 is a medium-density foam specifically developed for log home gasketing. Under a minimum of 25 percent compression, V790 provides an air, water and dust seal in all common log home joint designs. Compatible with all commonly used wood preservatives, Norseal® Log Home Foam® V790 maintains dimensional integrity. It will not cold flow, eliminating unsightly oozing, and its cellular foam substrate allows it to conform to curved and irregular surfaces. **Stays Flexible for Easy Application:** The low force to compress of Norseal® Log Home Foam® V790 permits easy assembly. It stays flexible at low temperatures for easy application and fast recovery. Formulated for good compression set properties, the foam provides a uniform (constant) seal during both initial construction and subsequent settling and shrinkage of seasoned logs. **Excellent Adhesives Eases Assembly:** A high-performance acrylic adhesive on one side speeds installation. Norseal® Log Home Foam® V790's excellent adhesive properties, combined with the low force to compress, permits rapid stacking, aligning and spiking of log tiers. An easy-release paper liner eliminates stretch during application and aids in the placements of the gasket. The rectangular tape profile adapts to all common joint designs. **FEATURES/BENEFITS:** Maintains dimensional integrity; Low force to compress permits easy assembly; Conforms to curved and irregular surfaces; Compatible with all commonly used wood preservatives; Stays flexible at low temperatures; Rectangular tape profile adapts to most joint designs; Provides excellent adhesion to wood. **Typical applications include:** Log homes, high-movement joints, low temperature sealing, lid seals of medical waste containers. All data based on a 0.25 inch test sample. (Available in thicknesses from 1/4" to 1/2".) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Norton-Log-Home-Foam-V790.php

Physical Properties	Metric	English	Comments
Density	0.241 g/cc	0.00870 lb/in ³	ASTM D1667
Water Absorption	8.0 %	8.0 %	% by volume; NTP-35

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	20	20	ASTM D2240
Tensile Strength, Yield	0.221 MPa	32.0 psi	Norton Test Procedure 7
Elongation at Break	105 %	105 %	Norton Test Procedure 8
Compressive Strength	0.0124 MPa	1.80 psi	Force to Compress, 10% compression; Norton Test Procedure 10
	0.0234 MPa	3.40 psi	Force to Compress, 25% compression; Norton Test Procedure 10
	0.0434 MPa	6.30 psi	Force to Compress, 50% compression; Norton Test Procedure 10
	0.103 MPa	14.9 psi	Force to Compress, 65% compression; Norton Test Procedure 10

Mechanical Properties	0.257 MPa Metric	37.3 psi English	Force to Compress, 75% compression; Norton Test Procedure 10 Comments
Compression Set	2.0 % @Temperature 37.8 °C	2.0 % @Temperature 100 °F	Constant Deflection, Value given for 50% compression, after 6 days; Norton Test Procedure 37
	3.0 % @Temperature 37.8 °C	3.0 % @Temperature 100 °F	Constant Deflection, Value given for 75% compression, 6 days; Norton Test Procedure 37
	4.0 % @Temperature 70.0 °C	4.0 % @Temperature 158 °F	Constant Deflection, Value given for 50% compression, 6 days; Norton Test Procedure 37
	5.0 % @Temperature 70.0 °C	5.0 % @Temperature 158 °F	Constant Deflection, Value given for 75% compression, 6 days; Norton Test Procedure 37

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	71.1 °C	160 °F	
Minimum Service Temperature, Air	-34.4 °C	-30.0 °F	

Descriptive Properties	Value	Comments
Color	Black	

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