

Norseal® Log Home Foam® V790

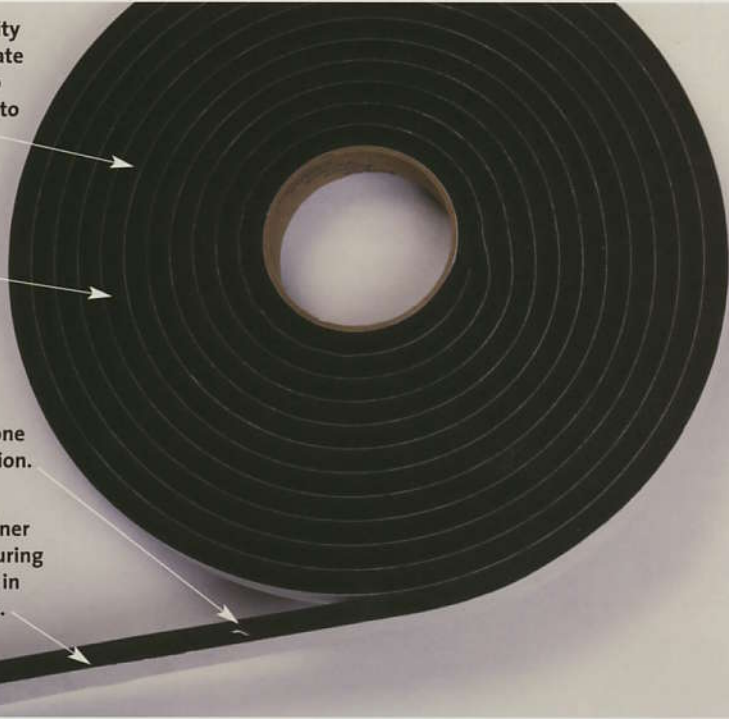
Polyurethane Foam Sealant With Pressure-Sensitive Acrylic Adhesive on One Side

Black, medium density cellular foam substrate requires low force to compress; rebounds to seal as joint moves.

Rectangular tape form adapts to all common joint designs.

High performance acrylic adhesive on one side speeds installation.

Easy-release paper liner eliminates stretch during application and aids in placement of gasket.



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

Norseal Log Home Foam V790 provides a positive air, water and dust seal in all common log home joint designs.

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 Adhesion 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 placement of the gasket. The rectangular tape profile adapts to all common joint designs.

Range of Options Available

Norseal® Log Home Foam® V790 is available in several thicknesses, in lengths ranging from 25 feet to 50 feet. Non-standard roll lengths are available on special order.

Norseal® Log Home Foam® V790 Standard Roll Sizes

Widths*: ¼" to 56"	Color: Black	3" I.D. Cores
Sealant No.	Thickness	Length**
V798	¼ in. (6.4mm)	50 ft. (15.3m)
V7912	¾ in. (9.5mm)	50 ft. (15.3m)
V7916	½ in. (12.7mm)	25 ft. (7.6m)

* Varies with gauge

**Non-standard roll lengths are available on special order.

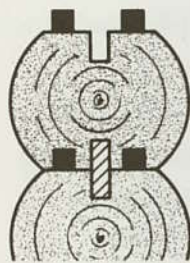
Storage: Material should be stored at 70°F (21°C), 50% relative humidity.

Application Guide: Surfaces should be clean before applying. Do not remove liner until sealant is in proper position. This prevents stretching of sealant during application. Avoid touching adhesive surface before application. Saint-Gobain Performance Plastics recommends testing all sealants under individual application conditions and materials prior to commercial use.

Caution: Norseal® Log Home Foam® V790 foam sealant products should not be used in applications where the product could be exposed to ultraviolet (UV) light or any chemical cleaning agent.

Please Note: Because Saint-Gobain Performance Plastics cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use. The product contains plasticizer, which may adversely affect some plastics.

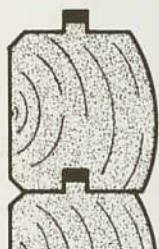
Common Log Home Joint Designs.



Spline and Gasket



Saddle Notch

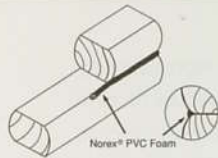


Tongue and Groove



Double Tongue and Groove

If you didn't use Log Home Foam® the first time, you can reseal with Norex® foam extrusions. Ask your distributor for details.



Typical Physical Properties

Property	Test Method	Value or Rating
Density lbs./cu. ft. (kg/m ³)	ASTM D-1667	15 (248)
Hardness: Shore 00	ASTM D-2240	20
Force to Compress: Compression/Deflection psi (kPa)	NTP*-10	1.8/1.6 (12.4/11.0) 3.4/2.5 (23.5/17.2) 6.3/5.7 (43.5/39.3) 14.9/12.0 (102.8/89.7) 37.3/31.8 (257.0/219.0)
Compression Set: % lost fr. orig. ht. 50%-6 days@100°F (37.7°C) 50%-6 days@158°F (70°C) 75%-6 days@100°F (37.7°C) 75%-6 days@158°F (70°C)	NTP*-37	2 4 3 5
Water Absorption (% by volume)	ASTM D-1056	8
90° Peel Adhesion: oz./in. (N/m) 15 min. dwell—Stainless 15 min. dwell—Wood 24 hr. dwell	PSTC-2	17.8 (193) 3.6 (39) Beyond strength of foam
Elongation: %	NTP*-8	105
Tensile: psi (kPa)	NTP*-7	32 (220)
Recommended Service Temp.	—	-30°F to 160°F (-34°C to 71°C)

*NTP IS NORTON TEST PROCEDURE.

Parameter values are not guaranteed and will differ from lot to lot. For specification writing, contact Saint-Gobain Performance Plastics' Application Engineering Department.

Recovery Characteristics

Norseal® Log Home Foam® demonstrates superior recovery characteristics after prolonged periods of 60%-70% compression.

Saturated Urethane*		Brown PVC		Log Home Foam®	
Before	After	Before	After	Before	After

3 days @ 100°F, 100% relative humidity measured after 24 hour recovery

*Inconsistent results were observed lot to lot.

Other types of sealants compared to Log Home Foam® exhibit severe compression set when conditioned at 100°F and 100% relative humidity for 3 days. The resiliency of Log Home Foam® will ensure a long lasting weather-proof seal.

Norseal® Log Home Foam® and Norex® are registered trademarks.

Saint-Gobain Performance Plastics

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