

INNER-SEAL (POLY FOAM)

EXPANDING 1-PART ENERGY EFFICIENT POLYURETHANE FOAM

INNER-SEAL is a multi-purpose, UL-classified, one-component polyurethane foam designed specifically for window and door installation and retro-fit applications. Apply INNER-SEAL onto any clean surface to fill and seal around windows and door frame joints, beneath base plates, mud sills, top plate penetrations, corner joints, T-joints, exterior cracks, around utility panels, pipes and duct penetrations. A critical advantage of this industrial/construction grade foam is its extremely low pressure build while curing, which greatly reduces the chance of bowing.



FEATURES & BENEFITS

- Closed Cell Technology
- Mildew Resistant
- Energy Efficient
- Non-Flammable
- Eliminates Air Infiltration
- Made in the USA

CONSTRUCTION & INDUSTRIAL APPLICATIONS

Seal Exterior Openings & Joints	Insulation Electrical
HVAC/R Plumbing	Transportation Seals Marine Cabins
Roofing	Appliance Trim & Parts

MEETS SPECIFICATIONS: AAMA #812-04, UL Classified File #R13919, ASTM E2112 sec. 5.9.2, Canadian Stds. Assoc. A440.4-98. **INNER-SEAL is designed within international guidelines for protection of the ozone layer, and with respect to the Montreal Protocol, 1987 and other environmental guidelines.**

AVAILABLE COLORS: Gray

PHYSICAL PROPERTIES

Cure System	Polyurethane
Core Density	1.44 lbs. /ft ³ (23 kg./m. ³)
R-Value ASTM C518	4-5 per inch, typically
RSI (Metric R-Value)	0.7-0.8/inch, 0.005-0.006/mm
Air Barrier Properties ASTM E-283	@6.24 psf (300 Pa) <0.01 cfm/ft ² (0.05 L/s/m ²) @1.57 psf (75 Pa) <0.0025 cfm/ft ² (0.0125 L/s/m ²)
Tack Over Time (min)	70°F, 40% RH ≈ 5 min.
Cure Time (hours)	12-24
Cutable (1" bead)	<1 hour
Pressure Build	17-1.25 psig (AMA#812-040)
Volatile Organic Content	None

**Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.*

ALSO AVAILABLE FROM SILCO: Multi-Purpose Cleaner for Inner Seal Foam products and guns.

