

# 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             |
| HVAC/R Plumbing                 | Electrical             |
| Roofing                         | Transportation Seals   |
|                                 | Marine Cabins          |
|                                 | 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 <sup>3</sup> (23 kg./m. <sup>3</sup> )
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 <sup>2</sup> (0.05 L/s/m <sup>2</sup> ) @1.57 psf (75 Pa) <0.0025 cfm/ft <sup>2</sup> (0.0125 L/s/m <sup>2</sup> )
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.**

