



NATURAL
POLYMERS™

OPEN CELL

Spray Foam Insulation

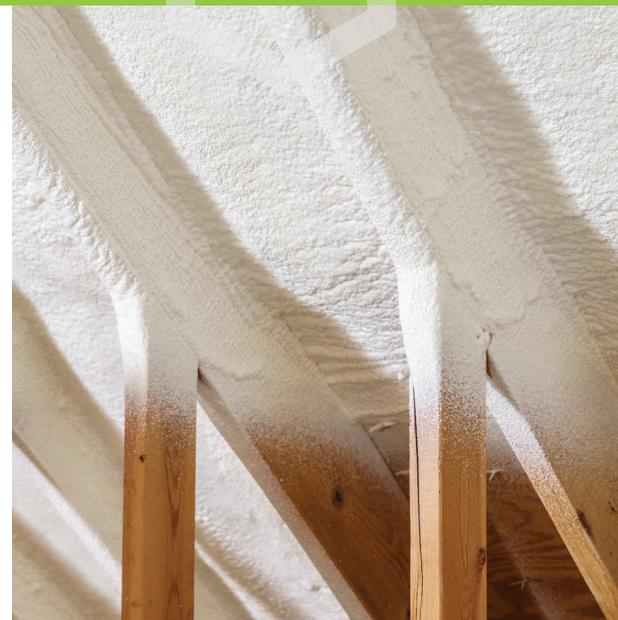
ADVANCED INNOVATIONS FOR MORE APPLICATIONS

Natural Polymers offers a portfolio of open-cell spray foam products designed to meet the diverse needs of modern construction. From high-yield value to low-VOC performance, we make it easy to choose the right foam for every job.



WHY OPEN-CELL INSULATION?

- High-yielding, low-density foam insulation to protect against air infiltration
- Expands to fit irregular or hard-to-reach spaces
- UL GreenGuard Gold



CHOOSE YOUR FORMULATION

Whether you're optimizing for energy efficiency, maximizing coverage, or meeting stringent building codes, our four distinct open-cell formulations deliver reliable, code-compliant solutions with the flexibility to match your project goals.



	NATURAL-THERM® 0.5	NATURAL-THERM® 450	NATURAL-THERM® LIGHT	ULTRA-PURE® OPEN CELL
Key Feature	Consistent Performance	Dependable Application and High Yield	Optimal Sprayability and High Yield	Optimal Sprayability and Lowest ² VOC
Yield¹ <i>(board feet per set)</i>	16–18K	17–19K	18–20K	16.5–18K
Density <i>(lb/cubic feet)</i>	0.50	0.45	0.40	0.50
R-Value <i>(@ 1 inch)</i>	3.7	3.6	3.7	3.8
Drum Weight <i>(pounds per set)</i>	965	935	935/975	975
Mixing	No Mix Required	No Mix Required <i>(Recommend light agitation 15 minutes prior to application)</i>	No Mix Required	No Mix Required
Fire Performance	E84: Class 1 Thermal Barrier: Pass with 14 mils (wet) DC 315 or 16 mils (wet) No-Burn Ignition Barrier: Pass without intumescent coating	E84: Class 1 Thermal Barrier: Pass with 18 mils (wet) DC 315 Ignition Barrier: Pass with 6 mils (wet) DC 315 or 6 mils (wet) No-Burn	E84: Class 1 Thermal Barrier: Pass with 14 mils (wet) DC 315 or 16 mils (wet) No-Burn Ignition Barrier: Pass without intumescent coating	E84: Class 1 Thermal Barrier: Pass with 14 mils (wet) DC 315 or 16 mils (wet) No-Burn Ignition Barrier: Pass without intumescent coating
Substrate Temperatures	Minimum: 32° F Maximum: 120° F			Minimum: 40° F Maximum: 120° F
Bio-Based	Bio-Based Formulations			UL Bio-Based Certified
Low VOC	UL GreenGuard Gold			UL GreenGuard Gold, OdorScavenger™ Technology
Re-Entry	2 Hours @ 10 ACH			
Re-Occupancy	24 Hours			

¹Yield and in-place density is dependent upon the temperature of the substrate, ambient air temperature, gun speed of application, gun tip size, and the output of the proportioner to provide maximum yield when sprayed in 6-inch-thick passes.

²As compared to Natural Polymers open cell spray foam products

