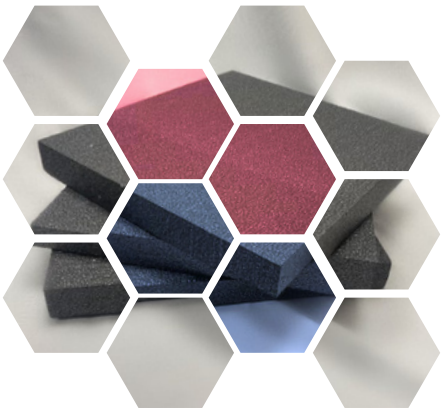


PolyNex™ Graphite For Exterior Insulation Finishing Systems (EIFS)

PolyNex™ is a high-performance Graphite insulation product that offers exceptional thermal performance with an R-5 insulation value at 1-1/16". It is rigid, closed-cell graphite polystyrene insulation with a charcoal gray color that gives maximum efficiency, cost-effectiveness and up to 20% more energy savings than traditional white EPS. PolyNex™ is an optimal product for a wide range of applications requiring improved insulation properties.

Advantages

- **Superior Compressive Strength**
- **Stable Long Term R-Value:** PolyNex™ boasts an impressive R-5 insulation value at 1-1/16"
- **Energy Effective:** Graphite reflects radiant heat and increases the resistance to heat flow
- **Water Resistant**: Closed cell foam will not readily absorb moisture
- **Mold, Mildew, and Insect Resistant:** An inert EPA approved insect repelling additive can be added during the manufacturing process to deter termites; GPS Insulation does not support mold or mildew growth
- **Code Approvals:** GPS insulation is recognized by the International Code Council Evaluation Service (ICC-ES) and is manufactured from UL and FM approved raw materials
- **Environmentally Friendly:** Contains no CFC, HCFC, HFC or Formaldehyde and is 100% recyclable

Sizes

- PolyNex™ is available in a wide range of thicknesses from 1/2" to 36"
- Standard board dimensions include 2' X 4', 2' X 8' or 4' x 8'
- Custom sizes available upon request
- Please contact our offices at info@polymoldingcorp.com for more information

Application

- Custom Size Billets (Up to 38" Thick)
- Drainage Boards (Varied Thickness)
- CNC Profile Cutting (Architectures Shapes)
- Structural Panel Systems
- Higher Densities Available

PolyNex™ for Exterior Insulation Finishing Systems (EIFS)

ASTM C578 Classification		TYPE I	Test Method
Compressive Strength @ 10% Deformation, min	psi	10.0	ASTM D1621
R-value (Achieved at 1-1/16")	@75° F	5.0	ASTM C518
Density, Nominal	lb./ft³	1.0	ASTM 303
Flexural Strength, min.	psi	25.0	ASTM 203
Water Vapor Permeance of 1.0 in. thickness, max, perm		5.0	ASTM E96
Water Absorption Volume %		4.0	ASTM C272
Flame Spread		<25	ASTM E84
Smoke Developed		<450	ASTM E84

R-Value of 5 is achieved at 1-1/16"

RADCO TWINING CONSULTING

POLYMOLDING
"The Future of Expanded Polystyrene"

www.polymoldingllc.com
(877) 537-7199

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