

### Description

InsulFoam IX is an engineered insulation consisting of a superior closed-cell, lightweight and resilient expanded polystyrene (EPS). InsulFoam IX meets or exceeds the requirements of ASTM C578, Type IX, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation. InsulFoam IX has a nominal density of 2.0 lb/ft³. In addition, InsulFoam IX offers a long-term, stable R-value and has excellent dimensional stability, compressive strength and water resistance properties.

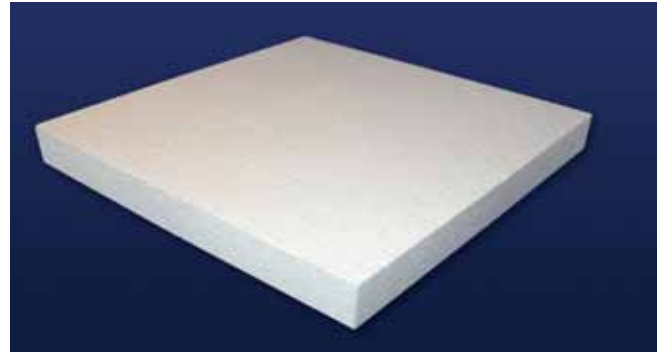
### Uses

InsulFoam IX Insulation is successfully used in numerous commercial, industrial and residential applications. The following are examples of the many applications:

- Interior & Exterior Wall Insulation
- EIFS & Stucco Insulation
- Single-Ply Roof Insulation
- Roof Recover Board
- Continuous Below-Grade Insulation
- Foundation, Perimeter, Slab & Basement Insulation
- Retaining Walls
- Drainage Board
- Waterproofing Protection Board
- Freezers & Cold Storage

### Advantages

- **Environmentally Friendly.** It does not contain any blowing agents, may contain recycled material, and is 100% recyclable if ever removed or replaced.
- **Stable R-value.** The product's thermal properties will remain stable over its entire service life. There is no thermal drift, so the product is eligible for an Insulfoam 20-year thermal performance warranty.
- **Proven Performance.** EPS has been manufactured using the same chemistry since the mid-1950s, providing proven performance.
- **Water Resistance.** InsulFoam IX does not readily absorb moisture from the environment.
- **Code Approvals.** Insulfoam insulations are recognized by the International Code Council Evaluation Service (ICC-ES), and have numerous Underwriters Laboratory and Factory Mutual Approvals. Please contact your local Insulfoam representative for details.



### Sizes

InsulFoam IX is available in 4' x 4' and 4' x 8' standard sizes with thickness from ¼" to 40", and is readily available in custom lengths and widths with little to no impact on lead time. It is also available in tapered panels, with thickness from 0 (⅛" actual) to 40", and any slope per foot.

### Typical Physical Properties

Property	Test Method	Value
Density (nom. pcf)	ASTM C303	2.00
C-Value (Conductance) - per inch BTU/(hr•ft²•°F)	ASTM C518 or ASTM C177	0.200 0.210 0.230
R-value (Resistance) - per inch (hr•ft²•°F)/BTU	ASTM C518 or ASTM C177	5.00 4.76 4.35
Compressive Strength (psi, 10% deformation)	ASTM D1621	25
Flexural Strength (min. psi)	ASTM C203	50
Dimensional Stability (maximum %)	ASTM D2126	2.0
Water Vapor Permeance (max. perm., 1 inch)	ASTM E96	2.0
Water Absorption (max. % vol.)	ASTM C272	2.0
Capillarity	—	none
Flame Spread	ASTM E84	< 20
Smoke Developed	ASTM E84	150-300

\*Properties are based on data provided by resin manufacturers, independent test agencies and Insulfoam.