



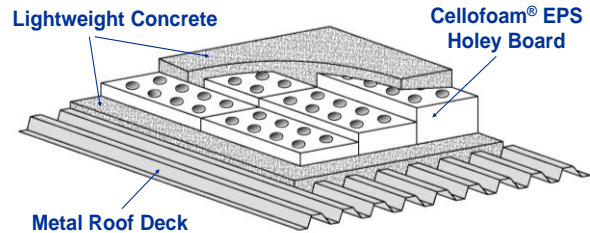
**CELLOFOAM®**  
North America Inc.

# EPS HOLEY BOARD

## Cellofoam® EPS Holey Board - Premium Insulation for Lightweight Insulating Concrete (LWIC) Roof Decks

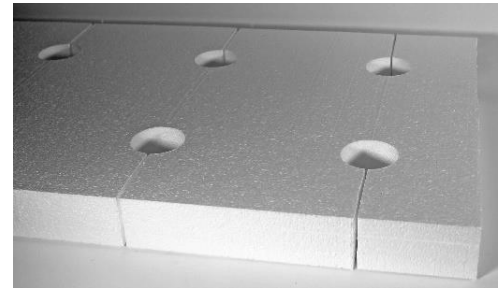
### Specification Reference: ASTM C578 & LWIC System

Cellofoam® Holey Board is a premium expanded polystyrene (EPS) insulation installed on a roof as part of a lightweight insulating concrete roof deck system. This product is made of a rigid, closed cell, foamed EPS plastic with fire retardant that is molded and cut with specified hole patterns into finished board sizes to meet LWIC roofing system specifications and project requirements. Cellofoam Holey Board is fully encapsulated in the lightweight concrete and is often installed in stair-step manner to help create a slope to meet roof top drainage requirements. A supplier of many leading United States LWIC systems, including Elastizell, Concrecel, Siplast, and Celcore, Cellofoam Holey Board provides a long-term, stable R-value, superior compressive strength, moisture resistance, and energy and cost efficiency. Unlike some of our competitors, all Cellofoam Holey Board meets or exceeds ASTM C578, *Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation*.



#### Advantages

- Lightweight & easy to handle and apply
- Wide range of R-values and compressive strengths available
- Long-term, stable R-value
- Moisture resistant & quick drying
- Quality inspected and monitored by UL
- Environmentally friendly, recyclable, no CFC or HCFCs



Cellofoam Holey Board is typically manufactured in 2 x 4 ft boards with thicknesses from 1 to 16" and nominal densities of 1.0 pcf. Higher densities (1.25, 1.5, and 2.0 pcf) are available per LWIC system approval. Custom sizes and configurations are available; number, diameter, and location of holes vary by LWIC system and project.

**UL Classified (UL ER-7260-01); Meets building codes; Meets or exceeds all ASTM C578 specs**



Cellofoam® EPS Typical Physical Properties*	Test Method	EPS Type (per ASTM C578)				
		Type I	Type VIII	Type II	Type IX	
Density (Nominal, lb/ft³)	ASTM C303 or D1622	1.0	1.25	1.5	2.0	
R Value (per inch)**	ASTM C177 or C518	at 40° F	4.2	4.3	4.6	4.8
		at 75° F	3.9	3.9	4.2	4.4
Compressive Strength (10% deformation, psi)	ASTM D1621	10 - 14	13 - 18	15 - 21	25 - 33	

\*Typical physical properties are for plain, unlaminate EPS foam and are based on data provided by resin manufacturer, independent test agencies, and Cellofoam North America Inc.  
 \*\*R means resistance to heat flow. The higher the R value, the greater the insulating power. R units: (°F ft² hr) / Btu per inch

Conyers, GA • Gainesville, GA • Orlando, FL • Sallisaw, OK • Whiteland, IN • Winchester, VA

**800-468-3626**

**www.cellofoam.com**