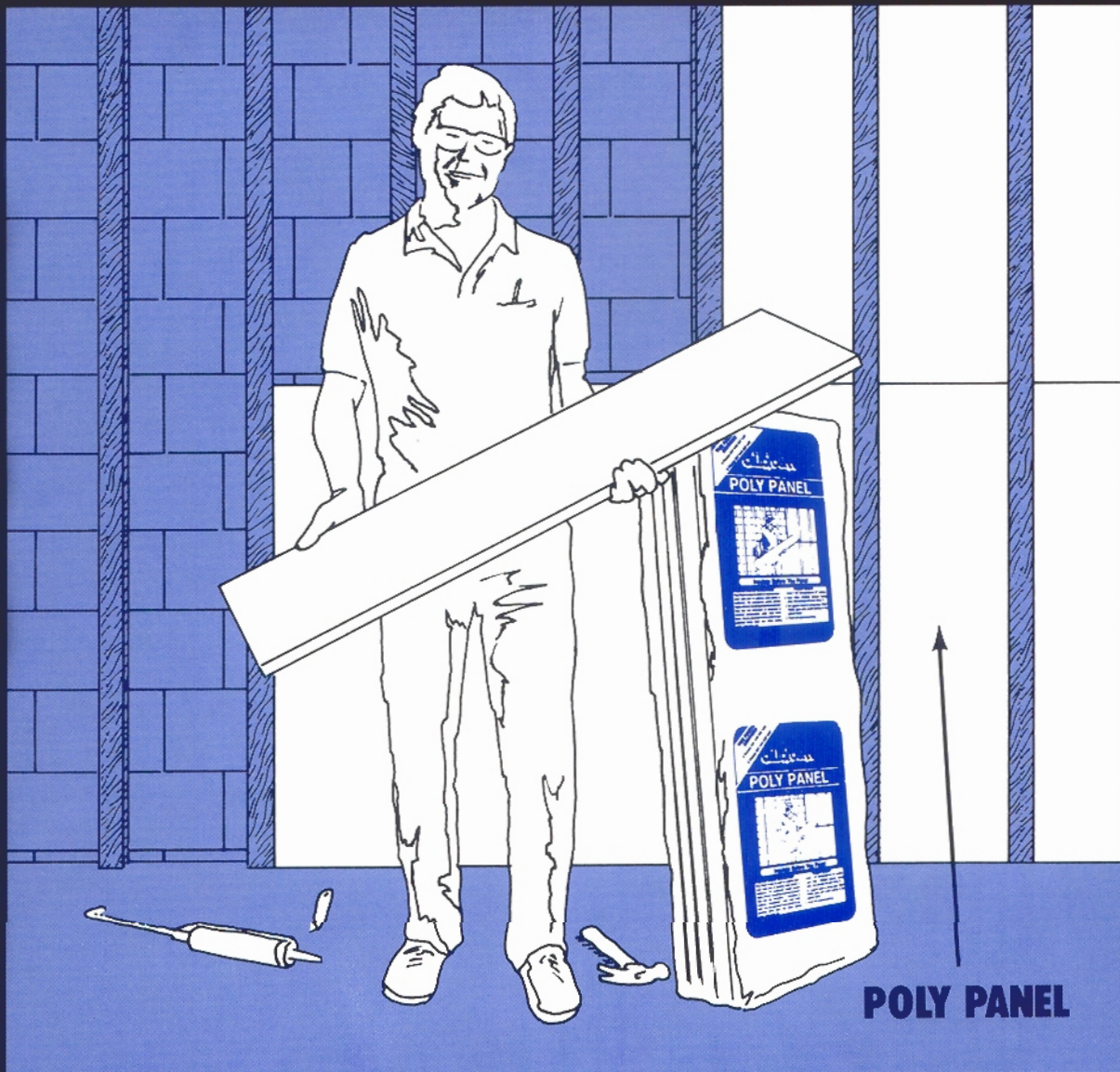


## POLY PANEL EPS Insulation



### Insulate Those Walls

- Installed with common tools
- High R - Low Cost
- Helps protect paneling from impact damage
- Does not require supplemental vapor barrier
- Reduces “damp basement” feeling
- Tack up with adhesive or mechanical support

# POLY PANEL EPS Insulation

## Advantages

**EASY DO-IT-YOURSELF PRE-CUT INSULATION  
THAT FITS BETWEEN YOUR WALL**

**The Insulation That  
Pays for Itself in Reduced  
Heating & Air Conditioning Bills**

### PHYSICAL PROPERTIES OF CELLOFOAM® EXPANDED POLYSTYRENE

Property	Units	ASTM Test	Density (pcf)		
			SPECIAL ORDER ONLY		
			1.0	1.25	1.5
Thermal resistance R factor at 75F	per inch thickness	—	3.85	3.92	4.17
Coefficient of thermal expansion	in/(in) (F)	D 696	0.000035	0.000035	0.000035
Maximum service temperature					
Long term	°F	—	167	167	167
Intermittent	°F	—	180	180	180
Compressive strength at 10% deformation	psi	D 1621	10-14	13-18	15-21
Flexural strength	psi	C 203	25-30	32-38	40-50
Capillarity	—	—	ncne	none	none
Water vapor transmission	perm in	E96	2.0-5.0	1.5-3.5	1.0-3.5
Water absorption (by volume)	%	C 272	less than 4.0	less than 3.0	less than 3.0
Bond strength with Portland cement (lb/ft² shear)	psf	—	830	830	830
with Gypsum	psf	—	510	510	510

## Other Uses



### Packaging

Each package of Poly Panel contains six (6) pieces of 3/4" x 13 5/8" x 48". When installed with furring strips, it will cover 32 square feet.

## Installation

POLY PANEL EPS insulation is pre-cut to fit between 3/4" thick furring strips. Ideal for basement walls because it insulates and minimizes that "damp basement" feeling. *Requires no separate vapor barrier. Also helps deaden sound.*

Boards of POLY PANEL EPS trim with a knife and can be held in place by friction fit or with latex adhesive mastic. Drywall goes on top and nails to furring. Paneling over drywall can be nailed through to furring or applied with mastic.

Sizes: 13 5/8" x 48" (for 1x3 furring, 16" OC) and 14 1/2" x 48" (for 1x2 furring, 16" OC).

Attractively packaged in poly bags with complete installation instructions for the Do-it-Yourselfer or builder.

**WARNING:** Like many construction materials, expanded polystyrene insulation is combustible. It should not be exposed to flame or other ignition sources. Consult installation instructions and current model building code requirements before use.

The performance data herein reflects Cellofoam North America Inc's expectation based on tests conducted in accordance with recognized standard methods. The sale of these products shall be subject to the Terms and Conditions of Sale, INCLUDING those LIMITING WARRANTIES, as set forth in Cellofoam North America Inc's invoices. No agent, employee or representative of Cellofoam North America Inc or its subsidiary or affiliated companies is authorized to modify this disclaimer.

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