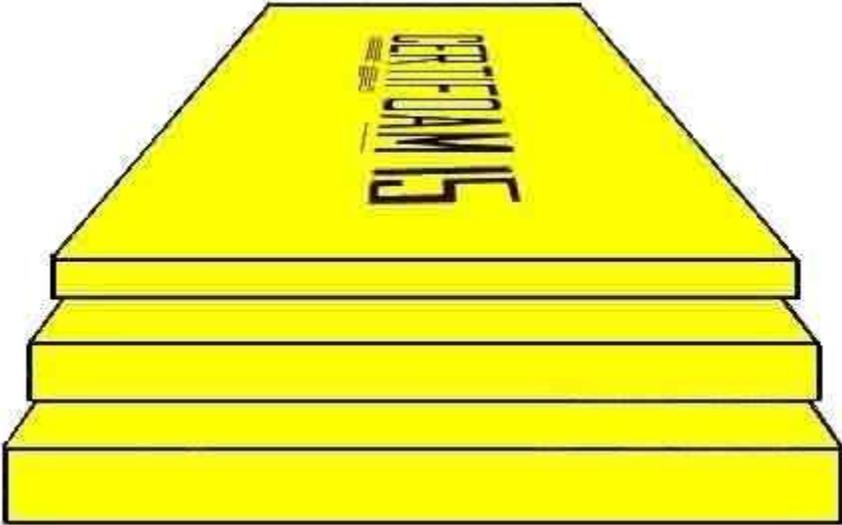


# *CertiFoam 15*

## *Extruded Polystyrene Insulation*

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**CertiFoam 15** is a rigid extruded foam insulation board suitable for most common residential, commercial, and roofing applications where high compressive resistance is not required. CertiFoam 15's closed cell structure and extruded skins provide superior moisture resistance and excellent thermal performance.



### Physical Properties

Meets or Exceeds ASTM C578-87a Type X	ASTM Test Method	CertiFoam 15
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### Board Sizes

Thickness	Width	Length	Description
1"	48"	96"	Square Edge & Scored
1"	48"	108"	Square Edge & Scored
1 1/2"	48"	96"	Square Edge & Scored

<b>Insulation Properties</b> Thermal Conductivity, k (Btu/hr. sq. ft. F) 5-Year Aged (Design) Values @ 25° F mean @ 40° F mean @ 75° F mean	C 177 or C 518	0.178 0.185 0.200
<b>Water Resistant Properties</b> Water absorption (% by volume) Water Vapor Permeance (perm) Maximum	C-272 E 96	< 0.1 1.0
<b>Mechanical Properties</b> Compressive Strength, Minimum (Specification) Value (lb/sq. in.)	D 1621	15
<b>Miscellaneous Properties</b> Maximum Recommended Use Temperature (° F) Linear Coefficient of Thermal Expansion (in./in. ° F)	D696	165 $3.5 \times 10^{-5}$

2"	48"	96"	Square Edge & Scored

## R-Values

Mean Temp.	1"	1 1/2"	2"
25° F	5.6	8.4	11.2
40° F	5.4	8.1	10.8
75° F	5.0	7.5	10.0