

# GreenGuard® PB4 PROTECTION BOARD DATA SHEET



**Description:** GreenGuard® PB4 is a nominal 1/4 inch thick waterproofing protection board that consists of an extruded polystyrene foam core with tough plastic capsheets on both sides.

## Typical Physical Properties

<u>Property</u>	<u>Test Method</u>	<u>PB4</u>
<b>R-Value<sup>1</sup></b> (°F• ft <sup>2</sup> •h/Btu)	ASTM C 518 (@75°F Mean Temperature)	1.0
<b>Water Vapor Permeance</b> (perm)	ASTM E 96 (Procedure A)	0.6
<b>Water Absorption</b> (Max. % by Volume)	ASTM C 272	0.4
<b>Compressive Strength</b> (psi @ 10% Deflection)	ASTM D 1621	16
<b>Fire Characteristics<sup>2</sup></b>	ASTM E 84/UL 723	
Flame Spread		25
Smoke Developed		250
<b>Weight</b> (lbs. 1000 ft. <sup>2</sup> )		80
<b>Maximum Recommended Use Temperature (°F)</b>		165

**For the most current product and code compliance information, go to [green-guard.com](http://green-guard.com).**

<sup>1</sup>Specimens are aged and tested in accordance with the FTC “R-Value Rule” (16 CFR, Part 460).

<sup>2</sup> These numerical flame spread and smoke ratings are not intended to reflect hazards presented by this material under actual fire conditions. Core Data.

**WARNING:** Foam plastic insulation will ignite if exposed to fire of sufficient heat and intensity. Protect foam insulation from exposure to open flame or other ignition sources during shipment, storage, and installation.

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# GreenGuard® PB4 PROTECTION BOARD FACT SHEET

**Description:** GreenGuard® PB4 is a nominal 1/4 inch thick waterproofing protection board that consists of an extruded polystyrene foam core with tough plastic capsheets on both sides.

## CHART

PRODUCT	GreenGuard® PB4
Nominal Thickness	1/4"
R-Value (°F•ft²•h/Btu) <sup>1</sup> @ 75F Mean Temp.	1.0
Board Size	4' x 50'
Sq. Ft. Per Bundle	200
Sq. Ft. Per Pallet	9000

<sup>1</sup>Specimens are aged and tested in accordance with the FTC "R-value Rule" (16 CFR, Part 460).

### READ THIS BEFORE YOU BUY!

What you should know about R-values.

The chart shows the R-value of this insulation. "R" means resistance to heat flow. The higher the R-value, the greater the insulating power. Compare insulation R-values before you buy.

There are other factors to consider. The amount of insulation you need depends mainly on the climate you live in. Also, your fuel savings from insulation will depend upon the climate, the type and size of your house, the amount of insulation already in your house, and your fuel use patterns and family size. If you buy too much insulation, it will cost you more than what you'll save on fuel.

To get the marked R-value, it is essential that this insulation be installed properly. If you do it yourself, get instructions. Instructions do not come with this package.



Pactiv's GreenGuard PB4 Waterproofing Protection Board is an ENERGY STAR Qualified product as a part of EPA's Home Sealing Effort.

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