



## TECHNICAL BULLETIN #7

First Revision July 2017

# GreenGuard® XPS Insulation Board

## CONTRIBUTION TO LEED™ CREDITS

### Overview

The LEED™ Green Building Rating System is a tool that enables a design professional to accumulate credits for a specific building based on meeting certain criteria relating to the use of environmentally preferable, sustainable and energy efficient building materials and systems. *Kingspan GreenGuard® XPS Insulation Board* can contribute to achieving LEED™ rating points in the categories listed below.

### Energy and Atmosphere (EA) - Credit 1 (Optimize Energy Performance)

#### Requirement

2-10 points depending on the percent reduction in energy use based on ASHRAE/IESNA Standard 90.1-2013 or local energy code, whichever is more stringent.

#### Contribution

The stable, long-term R-value of *Kingspan GreenGuard® XPS Insulation Board* can reduce building energy demand, with the contribution dependent upon the amount of insulation used.

### Material and Resources (MR) - Credit 4 (Pre-Consumer / Post Industrial Recycled Content)

#### Requirement

1-2 points depending on the amount of post-industrial recycled content.

#### Contribution

*Kingspan GreenGuard® XPS Insulation Board* contains at least 20% pre-consumer / post-industrial recycled content.

### Material and Resources (MR) - Credit 5 (Local / Regional Materials)

#### Requirement

1-2 points dependent upon 20% of all materials manufactured regionally, within a 500-mile radius of the project.

#### Contribution

*Kingspan GreenGuard® XPS Insulation Board* is manufactured in Winchester, VA, which may be within a 500-mile radius of the jobsite. The overall weighted average of the primary raw material supply distance from the main suppliers to the XPS manufacturing plant is 500 miles.

*Kingspan GreenGuard® XPS Insulation Board* does not contribute points for post-consumer (PC) content.



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