

Leed® for New Construction – Commercial

Foard Panels Can Help Your Building Obtain LEED® for New Construction Certification

LEED (Leadership in Energy and Environmental Design) is a widely acknowledged standard for defining and measuring “green buildings.” It is based on a point system.

For more information about LEED, visit the US Green Building Council website at www.usgbc.org.



Contributing LEED for New Construction Points

Foard panels can contribute to the following LEED points for your commercial construction project, by category (credit numbers in parentheses):

ENERGY AND ATMOSPHERE

Minimum Energy Performance (Prerequisite 2) AND Optimize Energy Performance (Credit 1): The energy efficiency of Foard panels can help your building’s energy performance meet and exceed ASHRAE/IESNA Standard 90.1-2004 standards. Meeting the standard satisfies the LEED prerequisite and performance above the standard earns up to 10 points for LEED for New Construction certification. There are also other paths to receiving points for energy performance. Speak with your energy rater regarding the best Foard panel choice for your project.

MATERIALS AND RESOURCES

Construction and Waste Management (Credit 2.1, 2.2): If architects know that Foard Panels will be used your building can be designed to match panel dimensions, thereby reducing cut-off waste. Taking advantage of Foard’s pre-cut service will also reduce job site waste. Diverting at least 50% of non-hazardous construction and demolition debris (by weight or volume) from disposal earns 1 LEED point, and diverting 75% earns 2 LEED points.

Recycled Content (Credit 4.1, 4.2): The foam core of Foard’s XPS panel contains 15% post-industrial recycled content.

HEADLOK panel screws contain 25% post consumer recycled material by weight, Gypsum Board used in Foard’s curtain wall and dry wall clad panels contains 18% total recycled content. Your new construction can receive 1 LEED point for using materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project. Your project can receive 2 LEED points if the materials contain a total of 20% recycled content based on cost.

Certified Wood (Credit 7): Foard can use Forest Stewardship Council (FSC)-certified OSB in its panels upon request. One LEED point can be earned when a minimum of 50% of wood-based materials and products used in the project are FSC certified. These materials and products include, but are not limited to, structural framing and general dimensional framing, flooring, sub-flooring, wood doors and finishes.

INDOOR ENVIRONMENTAL QUALITY

Low-emitting Materials - Composite Wood and Agrifiber Products (Credit 4.4): The use of interior composite wood and agrifiber products containing no urea-formaldehyde resins can earn 1 LEED point for certification. The OSB, drywall, adhesive, and foam cores used in Foard panels have low out-gassing and contain no urea-formaldehyde resins.