



SOUDAL

12775 Randolph Ridge Lane
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SoudaFoam G&B LEED™ Product Information

SoudaFoam G&B (Gap and Block) is a one-component, self-expanding, ready to use professional gun application fire block polyurethane spray foam. The product has a low expansion and a high yield. Soudal excels at offering solutions with advanced product and service knowledge. We are committed to superior customer service.

Individual products cannot be “LEED certified” or cannot give you LEED points. Individual products can however, contribute to points under the rating system. Products fall into two categories, Contribution Credits or Compliance Credits. Contribution Credits are a calculation to determine what % of the whole project’s materials meets the requirements in the LEED Rating System. Compliance Credits require that all related materials meet a certain requirement set forth by the standard. SoudaFoam G&B can contribute to LEED points in various categories, including the following.

Energy and Atmosphere

- **Energy and Atmosphere Prerequisite 2 – Minimum Energy Performance**
 - Establish the minimum level of energy efficiency which comply with ASHRAE/IESNA standard 90.1-2004 or local codes which meet the U.S Department of Energy commercial energy code determination for the proposed building and systems.
 - SoudaFoam G&B exceeds these requirements by stopping unwanted air infiltration, reducing heating and cooling costs and providing energy efficient construction.
- **Energy and Atmosphere Credit 1 – Optimize Energy Performance (1-10 points)**
 - Achieve increasing levels of energy performance by reducing environmental and economic impacts associated with excessive energy use.
 - SoudaFoam G&B and SoudaSeal sealants/adhesives are the most effective unifying components for the completion of a superior air barrier and high R-Values within the building envelope due to their ability to expand bond and seal. Energy usage is dramatically reduced by stopping unwanted air infiltration.



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Materials and Resources

- **Materials and Resources Credit 2 – Construction Waste Management (1-2 points)**
 - Divert construction and demolition debris from disposal in landfills and incinerators. Redirect recyclable items back to the manufacturing process and redirect reusable materials to appropriate sites.
 - SoudaFoam G&B expands and seals any shape without trimming which results in no waste.
- **Materials and Resources Credit 4 – Recycled Content (1-2 points)**
 - Increase demand for building products that incorporate recycled content materials such that the sum of post-consumer recycled content plus one-half of pre-consumer content equals at least 10% based on cost of the total project. Post-consumer is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended use. Pre-consumer is defined as material diverted from the waste stream during the manufacturing process.
 - SoudaFoam G&B spray foam is manufactured with less than 5% post-consumer recycled material content from the normal recovery of raw materials in the manufacturing process.
 - SoudaFoam G&B spray foam, contain chemicals and packaging which comply with post-consumer and/or pre-consumer recycled content materials.

Indoor Environmental Quality

- **Environmental Quality Credit 4 - Low emitting materials – Adhesives and Sealants (1 point)**
 - Reduce the quantity of indoor air contaminants that are odorous, potentially irritating and/or harmful to the comfort and well being of installers and occupants.
 - SoudaFoam G&B contains no Formaldehyde, CFC's or HCFC's.
 - Soudal certifies that the VOC (volatile organic content) of SoudaFoam G&B is 180g/L.
- **Environmental Quality Credit 7 – Thermal Comfort (1 point)**
 - Provide a comfortable thermal environment that supports the productivity and well being of building occupants.
 - SoudaFoam G&B and SoudaSeal sealants/adhesives are the most effective unifying components for the completion of a superior air barrier, vapor barrier and insulator within the building envelope. Energy usage is dramatically reduced by stopping unwanted air infiltration thus contributing to the downsizing of the HVAC equipment.


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Innovation and Design Process

- **Innovation and Design Credit 1 – Innovation in Design (1-4 points)**
 - Designs which exceed the requirements set by LEED Green Building Rating System for energy performance that demonstrate a comprehensive approach and quantifiable environment and/or health benefits.
 - SoudaFoam G&B and SoudaSeal sealants/adhesives are the most effective unifying components for the completion of a superior air barrier within the building envelope while controlling sound, mold growth, decay and deterioration to create a durable, healthy, energy efficient building.

Sincerely,



Demian Weaver
LEED Administrator
Soudal, Inc.



"LEED" is a trademark of the
U.S. Green Building Council