



Batts in Bags®



Helping you achieve LEED® Certifications

Batts in Bags®

Is a pink thermal and acoustic insulation made of flexible fiberglass in the form of standard size sheets.

Objective for this document is to evaluate the existing information, derived from specialized studies and analysis, of the products selected by Owens Corning and determine the characteristics and properties of the same that meet the criteria of sustainable performance based on the standards, norms and criteria of the LEED v4 and LEED v4.1 certification.

LEED® Certification and the awarding of credits, is based on the overall project design, properly designed building systems and assemblies, and the performance of the project as a whole. Owens Corning® products can be a component of many of these systems and assemblies. All components within those systems and assemblies should be considered to assess compliance with the LEED® Rating System within a given category.

Credit Category	Leed® V4 Requirement	Leed® V4.1 Requirement	Owens Corning® Product Comparison
Energy and Atmosphere (EA)			
 Minimum Energy Performance	To reduce the environmental and economic harms of excessive energy use by achieving a minimum level of energy efficiency for the building and its systems.	Comply with ANSI/ASHRAE/IESNA Standard 90.1–2016, with errata or a USGBC-approved equivalent standard. ASHRAE 90.1-2016 Compliance pathways in Section 4.2.1.1 include compliance with all mandatory provisions.	Batts in Bags® contribute to reducing building energy consumption, providing the building with a more efficient envelope. The project team is responsible for conducting energy analysis to determine the overall building energy efficiency. See individual product data sheets for technical details.
	Optimize Energy Performance	To achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic harms associated with excessive energy use.	Analyze efficiency measures during the design process and account for the results in design decision making. Use energy simulation of efficiency opportunities, past energy simulation analyses for similar buildings, or published data (e.g., Advanced Energy Design Guides) from analyses for similar buildings.
Materials and Resources (MR)			
 BPDO – Sourcing of Raw Materials	Option 2. leadership extraction practices Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project.	Use products sourced from at least three different manufacturers that meet at least one of the responsible sourcing and extraction criteria below for at least 15%, by cost, of the total value of permanently installed building products in the project. Use products sourced from at least five different manufacturers that meet at least one of the responsible sourcing and extraction criteria below for at least 30%, by cost, of the total value of permanently installed building products in the project	Recycled content. The product features 22% post- consumer recycled content and 31% pre-consumer recycled content. SCS-MC-02066



Indoor Environmental Quality (EQ)

Thermal Comfort	Design HVAC systems and building envelope to meet ASHRAE Standard 55–2010, Thermal Comfort Conditions for Human Occupancy with errata or a local equivalent.	Design HVAC systems and building envelope to meet ASHRAE Standard 55–2010, Thermal Comfort Conditions for Human Occupancy with errata or a local equivalent.	Batts in Bags® contribute to a comfortable thermal environment. See individual product data sheets for details, and check with local sales representatives for product applications.
Acoustic Performance	For all occupied spaces, meet the following requirements, as applicable, for HVAC background noise, sound isolation, reverberation time, and sound reinforcement and masking.	For all occupied spaces, meet two of the following: HVAC background noise, Sound Transmission, and/or Reverberation time. Meet all three for an exemplary performance point. Confirm compliance via calculations or measurements in representative rooms, and/or design documentation from a person experienced in the field of acoustics.	Batts in Bags® contribute to reducing noise transfer through building assemblies and improving room sound quality. See individual product data sheets for technical details.

Figure 1 - Owens Corning® Batts in Bags® Plant Locations



To view other Owens Corning® products that help contribute to LEED® certification please visit sustainability.owenscorning.com



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