



The U.S. Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) is a standard that recognizes the life-cycle cost of construction and helps to distinguish high-performance commercial and institutional projects. Sustainable, energy-efficient and environmentally friendly ThermalStar® products can assist in achieving LEED credits.

MATERIALS & RESOURCES (MR CREDIT)

MR CREDIT 2.1 & 2.2—Construction: Divert 50% or 75% from Disposal *(2 points possible)*

Intent: Divert construction, demolition and land-clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

Atlas EPS accepts uncontaminated polystyrene removed during rehab projects and scrap from new construction projects.

MR CREDIT 3.1 & 3.2—Materials Reuse: 5% or 10% *(2 points possible)*

Intent: Reuse building materials and products in order to reduce demand for virgin materials and to reduce waste, thereby reducing impacts associated with the extraction and processing of virgin resources.

ThermalStar® products are suitable for reuse in new roof systems at the end of the original roof system's life.

MR CREDIT 4.1 & 4.2—Recycled Content: 10% or 20% *(2 points possible)*

Intent: Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

ThermalStar products are suitable for use in many applications with up to a 100% pre-consumer recycled content.

MR CREDIT 5.1 & 5.2—Regional Materials *(2 points possible—1 point for 10% & 2 points for 20%)*

Intent: Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

Depending on the geographical location, Atlas EPS can contribute to this credit by providing products that have been extracted/harvested/recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials value.

SUSTAINABLE SITES (SS CREDITS)

SS Credit 7.2—Heat Island Reduction: Roof *(1 point possible)*

Intent: To reduce heat islands to minimize impact on microclimates and human and wildlife habitat. The credit requires the use of reflective roofing materials or the installation and maintenance of a vegetated roof.

ThermalStar products can be used in roof systems with reflective membranes and in vegetated roof systems to help reduce the heat island effect.

ENERGY & ATMOSPHERE (EA CREDITS)

EA Credit 1—Optimize Energy Efficiency Performance *(10 points possible)*

Intent: To achieve an increased level of operating energy efficiency performance relative to typical buildings of similar type to reduce environmental impacts associated with excessive energy use.

Using ThermalStar products in roof, wall or below-grade systems increases R-value and can contribute to this credit.