

GACO 273 RoofFoam AND LEED CERTIFICATION

LEED Credit Category	LEED Requirement	LEED Point Contribution
<i>Energy & Atmosphere</i>		
Prerequisite 2 - Minimum Energy Performance	Requires the building to comply with ASHRAE/IESNA Standard 90.1-2004 or the local energy code whichever is more stringent.	Gaco RoofFoam reduces your energy costs throughout the life of your building. Gaco RoofFoam provides energy savings of up to 40%.
Credit 1 - Optimize Energy Performance	Requires a reduction in design energy cost compared to energy cost budget.	Gaco RoofFoam reduces your energy costs throughout the life of your building. Gaco RoofFoam provides energy savings of up to 40%.
<i>Materials & Resources</i>		
Credit 2 - Construction Waste Management	Requires recycling and/or salvaging construction and land clearing waste	Since Gaco RoofFoam is installed by qualified applicators who can apply exactly what is needed in each area, there is minimal waste. Gaco RoofFoam waste is classified nonhazardous.
Credit 4.1 - Recycled Content	Use materials with recycled content such that the sum of post-consumer content plus 1/2 of the preconsumer content constitutes at least 10% of the total value of the materials in the project.	Gaco RoofFoam contains 4.3% pre-consumer recycled content by weight.
Credit 5.1 - 5.2 - Local Regional Materials	Requires use of building materials and products that are manufactured regionally within a radius of 500 miles of the project site.	Our foam products are considered to be manufactured at the project site.
Credit 6 - Rapidly Renewable Materials	Requires use of rapidly renewable products and materials (made from plants harvested within a ten year cycle or shorter) for 2.5% of the total value of all building materials and products on the project.	Gaco RoofFoam contains 0.9% of a sucrose based product derived from sugar beets.
<i>Indoor Environmental Quality</i>		
Credit 4.1 - Low Emitting Materials	Reduce the concentration of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well being of installers and occupants.	The VOC of Gaco 273 RoofFoam is 15.7 g/l.
Credit 7 - Thermal Comfort	Requires a thermally comfortable environment that supports the productivity and well being of building occupants.	Gaco RoofFoam can help a building comply with ASHRAE Standard 55-2004 including humidity control within established ranges because it eliminates random outside air infiltration and produces a tighter building envelope.
<i>Innovation & Design Process</i>		
Credit 1 - Innovation in Design	Provides design team and projects with an opportunity to be awarded points for exceptional performance above the requirements set by LEED Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED Green Building Rating System.	Gaco RoofFoam's superior performance characteristics and installation flexibility contribute to this credit. Gaco RoofFoam allows easy installation of products in areas that do not allow simple installation of conventional insulation Gaco RoofFoam is guaranteed to perform to the stated specification for the life of the structure.