

LEED Certificate of Analysis



PRODUCT DESCRIPTION

BASF PFE SPRAYTITE 178 Spray Polyurethane Foam
(SPF) Insulation and Air Barrier

REQUIRED LEED INFORMATION Version 2.2

MR Credits 4.1 & 4.2

RECYCLED CONTENT – (2 Points Potential)

The project must have 10% minimum recycled content (based on cost) to qualify for a point, 20% or greater gets an additional point. Use LEED formula to calculate content (Post-consumer + ½ Pre-consumer) for credit. The recycled contents below are based on weight per ISO 14021.

6.9% of this material composed of Pre-Consumer (Post-Industrial) recycled content

Identify the source of the recycled content and the material it is replacing

Source: Polyester plastic (PET)

Replaces: Virgin petroleum based polyol

1.3% of this material composed of Post-Consumer recycled content

Identify the source of the recycled content and the material it is replacing:

Source: Bottle grade PET

Replaces: Virgin petroleum based polyol

EQ Credit 4.1

LOW-EMITTING MATERIALS Adhesives and Sealants (1 Point Potential)

SCAQMD VOC Limits per LEED NC v2.2

Plastic foams 50g/L less water

Non Membrane Roof 300g/L less water

0 g/L of VOC are contained in the product listed in the Product Description line
(Information can be found on the MSDS for the specific product proposed for use.)

MR 6.0

RAPIDLY RENEWABLE MATERIAL (1 Point Potential)

Must harvested within a 10 year cycle or less, building project must have more than 2.5% based on cost of the entire project to qualify for this point.

1.3% of this material composed of rapidly renewable content

Identify the source of the recycled content and the material it is replacing

Source: Sucrose – sugar beets

Replaces: Petroleum based products

EA Prerequisite 2 & Credit 1

OPTIMIZE ENERGY PERFORMANCE (10 Point Potential)

BASF PFE SPRAYTITE 178 has an R value of 6.7 per inch and 6.9 per inch for thicknesses over 4". Additional thermal performance has been documented through studies and with the use of calculators and modeling that demonstrate additional energy savings with additional SPF thicknesses and as the product is seamless and self adhered forming an air seal without thermal breaks. Reports and approvals are available for documentation.

EA Prerequisite 3

FUNDAMENTAL REFRIGERANT MANAGEMENT

The BASF PFE SPRAYTITE 178 spray polyurethane products use a HFC-245fa blowing agent that is contained within the resulting cellular product to act as an inert gas which insulates and contains no CFC's.

Certification has been completed by:

NAME: Bruce Schenke DATE: April 9, 2009

TITLE: Manager Applications & Training, LEED AP

SIGNATURE 

PROJECT: _____

ADDRESS: _____