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REQUIRED LEED INFORMATION for LEED v4 Documentation

PRODUCT DESCRIPTION

BASF Corporation (BASF) Enertite® G Open Cell Polyurethane Foam (SPF)

Materials & Resources

Building product disclosure and optimization - environmental product declaration

- **Option 1: EPDs (1 Point Potential)** Industry-wide (generic) EPD available for SPF via the Spray Polyurethane Foam Alliance -- Products with third-party certification (Type III), including external verification, in which the manufacturer is explicitly recognized as a participant by the program operator are valued as one half (1/2) of a product for purposes of credit achievement calculation.
https://www.astm.org/CERTIFICATION/DOCS/414.EPD_for_SPFA-EPD-20181029-HFC.pdf

Building product disclosure and optimization - sourcing of raw materials (possible 2 points)

- **Option 1: Raw Material Source and Extraction Reporting (1 Point Potential)**
Global Reporting Initiative (GRI) Sustainability Report: The BASF GRI report is A+ rated (external assurance or third party verified) - its "assurance scope" is "limited"; therefore, it is valued as one half (1/2) of a product for credit achievement. Please contact BASF - Inside Technical Sales at 800-706-0712 ext. 2 for this report.
<https://report.basf.com/2017/en/overviews/gri-and-global-compact-index.html>
- **Option 2: Leadership Extraction Practices – Bio - Based – (1 Point Potential)**
The project must use products that meet at least one of the criteria listed for at least 25%, by cost, of the total value of the permanently installed building products. Enertite® G contains 2.4% renewable products.
 - **BASF Elastospray® 8000A Isocyanate**
Manufacture Point: Geismar, Louisiana 70734
 - **BASF Enertite® G** Manufacture Points: Houston, Texas 77054 / Orange, CA 92865

Indoor Environmental Quality

Low Emitting Materials (1-3 Points Potential)

General emissions evaluation. Building products must be tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method v1.1-2010 using the applicable exposure scenario.

BASF Enertite® G (Information can be found on the SDS) has 0 g/L emissions and meets the requirements of CA Section 01350 for VOC emissions and formaldehyde. BASF Enertite® G has a TVOC of 0.5 mg/m³ or less.

Thermal Comfort (1 Point Potential)

Option 1; Design HVAC systems and the building envelope to meet the requirements of ASHRAE Standard 55-2010, Thermal Comfort Conditions for Human Occupancy, with errata or a local equivalent. BASF Enertite® G can be applied to different thicknesses and "R" values, helping achieve this standard.

Energy & Atmosphere

Optimize Energy Performance (18 Points Potential)

BASF Enertite® G has an R-value of 3.9 / in @ 1-in thick.

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