

## GEOFOAM NO. 5011

**SUBJECT: LEED CREDITS FOR R-SHIELD® GEOFOAM AND R-SHIELD GEOGRIPPER® PLATES**

**DATE: NOVEMBER 2012 (REVISED JANUARY 2019)**

The United States Green Building Council (USGBC) publishes a credit based rating system to help encourage sustainable design. The Leadership in Energy and Environmental Design (LEED) Rating System developed by the USGBC establishes requirements for design components that impact sustainable design. Credits or points are earned for meeting specific milestones in various categories. These categories include Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality, and Innovation and Design Process. A minimum number of available points are required to achieve a LEED Certified rating. Higher Silver, Gold, and Platinum levels are also available by meeting higher point thresholds.

### **LEED Point Potential for R-Shield Geofoam**

#### **Materials and Resources**

Building Reuse: Credit 1 - R-Shield Geofoam is dimensionally stable and can be reused during building renovations.

Local/Regional Materials: Credit 5 - R-Shield Geofoam is manufactured at over 20 locations across North America. A R-Shield Geofoam facility will likely be less than 500 miles from the jobsite to help meet the local materials requirements.

#### **Energy and Atmosphere**

Minimum Energy Performance: Prerequisite Credit 2  
R-Shield Geofoam helps ensure compliance with local energy codes and ASHRAE 90.1-1999

Optimized Energy Performance: Credit 1  
R-Shield Geofoam provides a stable R-value without thermal drift, ensuring long term performance.

### **LEED Point Potential for R-Shield GeoGripper® Plates**

#### **Materials and Resources**

Recycled Content: Credit 4 - with 51% recycled content, R-Shield GeoGripper Plates help meet your recycled materials credit

Postconsumer: 41%

Preconsumer: 19%

Total Recycled Content: 60%

LEED Eligible Recycled Content: 51%