

Sustainable Design Initiative

Permaloc has dedicated itself to creating products that are environmentally friendly and beneficial to sustainable design. We strive to reduce the use of non-renewable resources, minimize environmental impact, and relate people with the natural environment through our manufactured products and our corporate culture.

USGBC LEED Version 3

The U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) program is intended to raise awareness, establish standards for, and stimulate green building practices. The LEED program focuses exclusively on an individual building structure, not a specific product. However, products can contribute toward the overall LEED certification.

Permaloc's LEED Contribution

LEED is a self-assessing rating system based on a point system that focuses on a number of design and construction categories, which will reduce a building's environmental footprint.

Permaloc can help with three of the areas within the MATERIALS & RESOURCES category:

- RECYCLED CONTENT
- RESOURCE REUSE (*if reusing material from previous job*)
- LOCAL REGIONAL MATERIALS

| LEED Category | Section & Points | Description | Mill Finish Aluminum | DuraFlex Paint Aluminum |
|--------------------------|--------------------------|------------------------------|---|-------------------------|
| Recycled Content | MR 4.1 (1) | Post Consumer ¹ | 6% | 6% |
| | MR 4.2 (1) | Post Industrial ² | 49% | 49% |
| Resource Reuse | MR 3.1 (1) MR 3.2 (1) | Reuse Qualifier | Based on reuse of edging from previous installations. | |
| Local Regional Materials | MR 5.1 (1) | Manufacturing Point | Holland, MI 49424 | |
| | | Extraction/Harvest Point | Locations Not Available | |

¹**Post Consumer** material is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.

²**Post Industrial** material (also referred to as Pre Consumer material) is defined as material diverted from the waste stream during the manufacturing process. Reutilization of materials (i.e., rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it) is excluded.

Volatile Organic Compounds (VOCs)

Permaloc's DuraFlex Finish (electro-statically applied, baked on paint) products do not contain volatile organic compounds (VOCs) and our paint process utilizes environmentally friendly technology as there is virtually no waste, energy consumption is low and there are no solvent emissions.

Packaging

Permaloc's packaging materials are made from 100% recycled material and are 100% recyclable.

Local Regional Materials Area

The following map shows the area covered within 500 miles of Permaloc's manufacturing center:



Additional Information:

Use the following resources to gain additional information on green build:

Permaloc Corporation
www.permaloc.com

The U.S. Green Building Council
www.usgbc.org

Green Roofs for Healthy Cities
www.greenroofs.org