

## Materials & Resources

### MR Credit 4.1, 4.2 – Recycled Content

(10% & 20% post-consumer + 1/2 pre-consumer)

LEED Intent: Increase the demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

LEED Requirement: Use materials with recycled content such that the sum of the post-consumer recycled content plus one-half of the pre-consumer (post-industrial) content constitutes at least 10% or 20% of the total value of the materials in the project.

#### **Best Sign Systems - Graphic Blast MP Contribution:**

High Pressure Decorative Laminate (HPDL) is composed of 0% Post Consumer and 22% Pre-Consumer/Post Industrial content.

### MR Credit 5.1, 5.2 – Regional Materials

LEED NC – 10% Extracted, Processed & Manufactured Regionally

LEED CI – 20% Manufactured Regionally

LEED NC & LEED CI Intent: Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

LEED NC Requirement: Use building products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for minimum of 10% or 20% (based on cost) of the total materials value. If only a fraction of the product is extracted, harvested or recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

LEED CI Requirement: Use a minimum of 20% of the combined value of all construction and Division 12 (furniture) materials and products that are manufactured regionally within a radius of 500 miles. An additional LEED Credit point can be earned if you use a minimum of 10% of combined value of products extracted, harvested, recovered or manufactured within 500 miles.

#### **Best Sign Systems - Graphic Blast MP Contribution:**

High Pressure Decorative Laminate (HPDL) are manufactured in Montrose, CO.



## **MR Credit 6.0 – Rapidly Renewable Materials**

LEED NC & LEED CI Intent: Reduce the use and depletion of finite raw materials and long-cycle renewable materials by replacing them with rapidly renewable materials.

LEED NC Requirement: Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) for 2.5% of the total value of all building materials and products used in the project, based on cost.

LEED CI Requirement: Use rapidly-renewable construction and Division 12 (Furniture and Furnishings) materials and products, made from plants that are typically harvested within a 10-year or shorter cycle, for 5% of the total value of all materials and products used in the project

### **Best Sign Systems - Graphic Blast MP Contribution:**

High Pressure Decorative Laminate (HPDL) are harvested within a 10-year or shorter cycle.

## **MR Credit 7.0 – Certified Wood**

LEED NC & LEED CI Intent: Encourage environmentally responsible forest management.

Requirements: When using new wood-based products and materials, use a minimum of 50% that are certified in accordance with the Forest Stewardship Council's Principles and Criteria. Division 12 (Furniture) material value is included in the determination of the certified wood content.

### **Best Sign Systems - Graphic Blast MP Contribution:**

High Pressure Decorative Laminate (HPDL) uses kraft paper sourced by suppliers who are third party certified to the Sustainable Forestry Initiative Standard (SFI) versus the Forest Stewardship Council (FSC). The SFI is endorsed by the Programme for the Endorsement of Forest Certification schemes (PEFC). Additionally, they contain no heavy metals, rain forest timbers nor tropical hardwoods.



## Environmental Air Quality

### **EQ Credit 4.1 to 4.5 – Low-Emitting Materials**

LEED Intent: Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

LEED Requirement: All of the adhesives and sealants used in the building must meet the requirements of the South Coast Air Quality Management District (SCAQMD) Rule #1168. Interior paints and coating applied on-site must meet the limitations and restrictions concerning chemical components set by several standards. Carpets must meet the Green Label Plus testing and product requirements. These credits pertain to adhesives & sealants, paints, carpets and composite wood.

### **Best Sign Systems - Graphic Blast MP Contribution:**

High Pressure Decorative Laminate (HPDL) are free of Added Urea-Formaldehyde Resins and GREENGUARD CERTIFIED FC2Ls93113.