

## 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 – ImPressions Contribution**

The ImPressions product family is thermoformed from KYDEX®, a thermoplastic alloy made with product and environmental safety in mind. KYDEX® is manufactured from 20% pre-consumer recycled product. Modifiers increase the durability of the material which lengthens the lifespan and requires a thinner sheet. Less material and longer life reduce manufacturing and transportation costs and replacement waste.

### 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 ImPressions Contribution:**

Final finished goods are manufactured in Montrose, CO.



## 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 - ImPressions Contribution:**

The ImPressions product family is thermoformed from KYDEX®, a thermoplastic alloy made with product and environmental safety in mind. No heavy metals (cadmium, lead, mercury, hexavalent chromium, etc.) are used in the manufacture of KYDEX®. In addition, KYDEX® is an alternative to other products, such as fiberglass with phenolic binders or HPL with phenolic and melamine resins containing formaldehyde. KYDEX® is free of any added urea-formaldehyde resins.