

## **Green Building Information**

### **For Hardy Frame<sup>®</sup> Panels, Brace Frames and Accessories**

CSI 06120

**Description:** *Hardy Frame<sup>®</sup>* Panels and Brace Frames are pre-engineered, pre-manufactured light gage steel shear walls. Accessory items include Templates for accurate bolt placement, Bearing Plates for distributing compression loads when installing on floor systems and connectors consisting of threaded rods and self-tapping wood screws.

**Purpose:** *Hardy Frame<sup>®</sup>* Panels and Brace Frames are designed to resist in-plane lateral loads from wind or earthquakes while supporting gravity loads.

### **LEED Credit Opportunities for Materials and Resources (MR):**

#### **Material Efficient Framing:**

- 1.1 These pre-manufactured products generate no on-site waste and produce minimal waste during product manufacturing due to efficient material ordering and factory built conditions.
- 1.2 *Hardy Frame<sup>®</sup>* Panels and Brace Frames replace wood sheathing for shear walls.

#### **Environmentally Preferable Products**

- 2.2 The steel used to manufacture *Hardy Frame<sup>®</sup>* Panels and Brace Frames is produced using the Basic Oxygen Furnace process. The total recycled content is 30.4%. Post-consumer scrap is approximately 23.5% and pre-consumer scrap is approximately 6.5%.

### **Product Sustainability Review**

#### **Production and Manufacture:**

Packaging for *Hardy Frame<sup>®</sup>* Panels and Brace Frames is limited to labels only.

#### **Installation, Use and Maintenance:**

- 1) No machinery, toxic or carcinogenic materials required for installation.
- 2) No machinery, toxic or carcinogenic materials required for maintenance.
- 3) No off-gassing during installation, use or maintenance.
- 4) No energy or resource consumption during use.
- 5) Life expectancy of product is greater than 50 years.

#### **Other**

*Hardy Frame<sup>®</sup>* Panels and Brace Frames are typically supplied by local building material suppliers. Unless quantities are full truckloads they do not require separate deliveries.