



## MATERIALS & RESOURCES

### MR Credit 2.1 and 2.2: Construction Waste Management

Most UP GFR products are custom molded to size which results in minimal job site cutting and waste. Efficient packaging design minimizes waste and makes best use of post-consumer materials that can be reused at the job site or recycled by local businesses. These results in a reduction in construction waste diverted to landfills.

### MR Credit 4.1 and 4.2: Recycled Materials

Recycled content in UP GFR products is calculated in accordance to the International Standards Organization standard ISO 14021 - Environmental Labels and Declarations referenced in most recent versions of LEED rating systems.

Because UP GFR products are custom made for a broad range of applications, and supplied in a variety of materials and finishes, recycled content will vary from 10% to 20%. An accurate disclosure of recycled content for use in a given LEED® project can be made upon submission of a detailed description of application, finish or project drawings.

### MR Credit 5.1 and 5.2: Regional Materials

Depending on the materials chosen (GRG, GFRC, FRP, and the associated materials used in the material formulation), the location of the project site, and the manufacturing facility involved in the manufacture of products, this credit may apply. UP Ceilings will work with a LEED® project team to help make this determination.

# LEED REPORT



## INDOOR ENVIRONMENTAL QUALITY

### EQ Credit 4.1 Low-Emitting Materials: Adhesives and Sealants

When required, the following national brands of construction adhesives are recommended for on-site installation use:

Loctite, Power Grab acrylic latex adhesive -

VOC content = 0 g/l

Henkel, No More Nails acrylic latex adhesive

VOC content = 0 g/l

### EQ Credit 4.2 Low-Emitting Materials: Paints and Coatings

Unless otherwise specified, factory painted parts for LEED® projects (if ordered) have the following broadly distributed low VOC coatings, or are recommended for on-site use.

Primer sealers:

ICI Dulux Lifemaster White - VOC content = 0 g/l

Benjamin Moore Eco-Spec White - VOC content = 0 g/l

Non-Flat paints: ICI Dulux Lifemaster Eggshell White - VOC content = 0 g/l

Benjamin Moore Eco-Spec Semi-Gloss White - VOC content = 0 g/l

Other important environmental benefits associated with the use of UP GFR products include that compared to the traditional alternatives, UP GFR products use less raw material (typically less than 50% as compared to drywall and plaster assemblies). Our high-strength and lightweight composite material requires less support framing, thereby extending the reduced use of raw materials beyond the actual UP Ceilings products themselves, but to the requisite framing materials otherwise needed for the installation of the traditional alternatives.