Sustainable Design
Operable Partitions
600 Series
Hufcor, Inc. designs and builds/manufactures HUFCOR® SERIES 600 Operable Partitions with raw materials that are environmentally friendly and contribute toward LEED® credits as part of the U.S. Green Building Council's LEED® green building program. Hufcor, Inc. provides data only on material provided to our customers, dealers, and distributors, and not on the overall project that is installed/implemented by the contractor or building owner. Contribution calculations specific to LEED® credit requirements must come from the dealer, distributor, contractor, or building owner, and be calculated based on information Hufcor, Inc. has provided.

HUFCOR SERIES 600 OPERABLE PARTITIONS
are designed and built with raw materials that are environmentally friendly and contribute to helping green build projects achieve LEED Certification. When designed, installed and used correctly in building construction, Hufcor Series 600 Operable Partitions contribute to several LEED v4 credit categories:

- **MR CREDIT 1.3 — BUILDING RE-USE**
  Hufcor® Series 600 Operable Partitions can divide and partition spaces in existing buildings for various uses.

- **MR CREDIT 2.1 / 2.2 — CONSTRUCTION WASTE MANAGEMENT**
  Hufcor® Series 600 Operable Partitions can be shipped via an innovative trailer load/unload design that allows for maximum storage of partitions while reducing the amount of dunnage necessary to ship. Partitions can be dropped on-site with minimal handling and unpacking.

- **MR CREDIT 3.1/3.2 — MATERIAL RE-USE**
  Hufcor® Series 600 Operable Partitions can divide and partition spaces in existing buildings for various uses.

- **MR CREDIT 4.1/4.2 — RECYCLED CONTENT**
  Hufcor® Series 600 Operable Partitions products contain recycled content. See tables for specific data.

- **MR CREDIT 5.1/5.2 — REGIONAL MATERIALS**
  The job site must be within a 500-mile radius of Janesville, Wisconsin for HUFCOR® SERIES 600 Operable Partitions to contribute to this category.

- **MR CREDIT 7 — CERTIFIED WOOD**
  Forest Stewardship Council certified wood can be applied to HUFCOR® SERIES 600 Operable Partitions products as a veneer surface finish.

- **EQ CREDIT 4.1/4.2/4.4 — LOW EMITTING MATERIALS**
  Hufcor® Series 600 Operable Partitions use materials, HAPs (Hazardous Air Pollutants) Free Paint, and adhesives that meet recommended low VOC content, including HUFCOR® SERIES 600 touch-up paints for on-site use. HUFCOR® SERIES 600 Operable Partitions will only use composite woods that contain no urea-added formaldehyde.

- **EQ CREDIT 8.1/8.2 — DAYLIGHT & VIEWS**
  Hufcor® Series 600 Operable Partitions can be separated and/or moved to allow daylight into in buildings spaces where a fixed wall would not.

- **EA CREDIT 1.1 — OPTIMIZE ENERGY PERFORMANCE**
  Hufcor® Series 600 Operable Partitions can be used to thermally isolate space in use or not in use, as well the space lighting.

REDUCE, REUSE, RECYCLING
As an integral phase to the design/build process, Hufcor, Inc. and its suppliers collaborate to maximize recycling, reuse, and reduction of material scrap, including but not limited to:

- **RECYCLED STEEL AND ALUMINUM**
- **RECYCLED WOOD PALLETS AND CARDBOARD**
- **RECYCLED/REUSED OILS**
- **RECYCLED PLASTICS**

Learn more about USGBC’s LEED® green building program at usgbc.org/LEED
### HUFCOR SERIES 630:

#### TRADITIONAL PANEL CONSTRUCTION TYPES (PCT)

<table>
<thead>
<tr>
<th>STC Rating #</th>
<th>51</th>
<th>49</th>
<th>47</th>
<th>45</th>
<th>43</th>
<th>41</th>
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<tbody>
<tr>
<td>Average Published Wt. (psf)</td>
<td>10.3</td>
<td>9.8</td>
<td>8.8</td>
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<td>Average Recycled Content* (%)</td>
<td>Pre-Consumer</td>
<td>31.6%</td>
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<td></td>
<td>Post-Consumer</td>
<td>43.9%</td>
<td>42.5%</td>
<td>39.9%</td>
<td>28.3%</td>
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### HUFCOR SERIES 640:

#### TRADITIONAL PANEL CONSTRUCTION TYPES (PCT)

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<th>STC Rating #</th>
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<th>54</th>
<th>52</th>
<th>49</th>
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<tr>
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<td>14.2</td>
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<td>9.9</td>
<td>9.9</td>
<td>8.9</td>
<td>6.9</td>
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<tr>
<td>Average Recycled Content* (%)</td>
<td>Pre-Consumer</td>
<td>29.1%</td>
<td>30.4%</td>
<td>31.3%</td>
<td>31.9%</td>
<td>31.2%</td>
<td>32.6%</td>
<td>34.7%</td>
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<tr>
<td></td>
<td>Post-Consumer</td>
<td>34.2%</td>
<td>39.5%</td>
<td>45.1%</td>
<td>42.8%</td>
<td>44.8%</td>
<td>40.0%</td>
<td>31.9%</td>
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### DRY-ERASE PCT ONLY

#### TRADITIONAL PANEL CONSTRUCTION TYPES (PCT)

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<thead>
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<th>STC Rating #</th>
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<tbody>
<tr>
<td>Average Published Wt. (psf)</td>
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</tr>
<tr>
<td>Average Recycled Content* (%)</td>
<td>Pre-Consumer</td>
</tr>
<tr>
<td></td>
<td>Post-Consumer</td>
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</table>

#### DRY-ERASE PCT ONLY

<table>
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<tr>
<th>STC Rating #</th>
<th>56 / 54 / 52 / 51 / 49 / 47 / 43 / 41</th>
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<tbody>
<tr>
<td>Average Published Wt. (psf)</td>
<td>13.7</td>
</tr>
<tr>
<td>Average Recycled Content (%)</td>
<td>Pre-Consumer</td>
</tr>
<tr>
<td></td>
<td>Post-Consumer</td>
</tr>
</tbody>
</table>

### MATERIAL SUPPLIERS:

**Point of origins**

- **STEEL FACE SHEETS & PANEL FRAMES**
  - Esmark Steel – Chicago Heights, IL
  - Magic Coil Products – Butler, IN
  - Siegal Steel – Chicago, IL

- **STEEL TRACK SYSTEMS**
  - Akey Manufacturing – Footville, WI

- **ALUMINUM SEAL CHANNELS**
  - American Aluminum – Beloit, WI
  - Custom Aluminum – South Elgin, IL
  - Gordon Aluminum – Wausau, WI

- **ALUMINUM TRACK SYSTEMS**
  - American Aluminum – Beloit, WI
  - Gordon Aluminum – Wausau, WI

- **GYPSUM ACOUSTICAL BACKERS**
  - Manufacturer/Extraction Point: US Gypsum – Chicago, IN
  - Primary Supplier: Gypsum Supply Company – Elkhorn, WI
  - Secondary Supplier: Gypsum Supply Company – Madison, WI

- **FINISHES**
  - Vinyl Coated Fabric: Omnova–Columbus, MS
  - Olefin/Polyester Woven Fabrics:
  - Hytex Industries – Randolph, MA
  - Rib Carpet: Hytex Industries – Randolph, MA
  - Fabric: Carnegie – Rockville Centre, NY
  - Vinyl: Colour and Design – Maunelle, AR
  - HPL Laminates: Aetna Plywood Inc – Rockford, IL
  - Veneer: Eggers Industries – Two Rivers, WI
  - Veneer: Architectural Forest Products – Two Rivers, WI

- **PANEL INSULATION/MINERAL WOOL**
  - ThermoFiber – Wabash, IN

- **PVC SEALS**
  - Hi-tech – Chardon, OH
  - VIP Rubber and Plastic Co. – Minden, NV
  - Northland Plastics – Sheboygan, WI

### ADHESIVES DATA:

**Partition Low VOC Adhesives**

<table>
<thead>
<tr>
<th>USAGE DESCRIPTION</th>
<th>MFG</th>
<th>MFG PART #</th>
<th>VOC</th>
</tr>
</thead>
</table>
| 1A. Adhesive used on skinned panels to adhere the gyp to the steel. | HB Fuller | HL-2081 | 5.90%
| 1B. Option 2: Adhesive used on skinned panels to adhere gyp to steel | IFS | UL-2145-3 | 0.00%
| 2. Adhesive used on skinned panels to adhere finishes to the steel face | Forbo | 3H152 | 21.56%
| 3. Adhesive used on loose face panels to adhere the gyp to the steel | IFS | R-416 | 21.56%
| 4. Adhesive used on loose face panels to adhere the finishes to the gyp | Forbo | 3H152 | 21.56%
| 5. Adhesive used on loose face panels to adhere the finishes to the steel | Forbo | 3H152 | 21.56%

MSDS information on adhesives and/or chemicals listed on this page can be obtained directly from the manufacturer.

### RECOMMENDED FIELD INSTALLATION:

**Low VOC Materials • Complies with LEED EQ Credit 4.1 / 4.2 / 4.4**

- **SOLVENTS FOR REMOVING ADHESIVE**
  - Acetone – Exempted by the EPA, no HAPs (Hazardous Air Pollutants)
  - Naptha – No HAPs

- **ADHESIVES**
  - Super 90 by 3M
  - Sherwin Williams VOV Pro 555

- **CLEANERS**
  - Clorox 409 – No VOC
  - Naptha – No HAPs

- **LUBRICANTS**
  - Petroleum Jelly—No VOCs

- **STEEL REPAIR**
  - Bondo by 3M

**Notes:**

1. Metric dimensions in [ ] are in millimeters unless otherwise indicated
2. Pre- and post-consumer values of the panel construction material only
**HUFCOR SERIES 600 OPERABLE PARTITIONS**

**Sustainable Design & LEED**

The LEED BD+C rating system applies to many project types, including, but not limited to, the following common market sectors that HUFCOR® SERIES 600 Operable Partitions are installed:

» NEW CONSTRUCTION AND MAJOR RENOVATION

» SCHOOLS

» RETAIL

» WAREHOUSES AND DISTRIBUTION CENTERS

» HOSPITALITY

» HEALTHCARE

The LEED ID+C rating system applies to many project types, including, but not limited to, the following common commercial and retail sectors that HUFCOR® SERIES 600 Operable Partitions are installed:

» COMMERCIAL INTERIORS

» RETAIL

» HOSPITALITY

NOTE:

Use of HUFCOR® SERIES 600 Operable Partitions does not ensure that these credit categories will all be achieved in each building and/or interior design construction project seeking LEED certification. Due to the customized nature of each project, exact contributions and compliances will always depend on the specifics of the project.

Hufcor, Inc. is a member of the USGBC, which develops the LEED rating systems, and has participated in LEED workshops to gain an understanding of the credit categories relevant to our industry.

Hufcor, Inc., in partnership and collaboration with worldwide distributors, dealers, installers, architects, architectural firms, and general contractors, will continue to lead the industry in the design/build/install of operable partition solutions by not only continually improving the environmental performance of its operable partitions, but also to provide innovative solutions that drive improving the customer experience with Hufcor, Inc. and its partners.

Please contact us with any questions or requests that you may have regarding HUFCOR® SERIES 600 Operable Partitions and its LEED v4 compliance information.

**GENERAL INFORMATION**

**Sustainable Design, and LEED**

Manufacturer: Hufcor, Inc.

Name of Product: Operable Partitions (10 22 26) / Folding Panel Partitions (10 22 39)

Location of Manufacturer: 2101 Kennedy Road, Janesville, WI 53545

Description: Hufcor Series 600 operable partitions