

TB-97 Bobrick Compact Laminate (CL) Solid Phenolic Toilet Partition LEED Information

ARBORITE

LEED v3/2009

Material Resources (MR)

- **Recycled Content (MR Credit 4):** Materials with recycled content such that the sum of post-consumer recycled content plus ½ of the pre-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project. 10% earns 1 point, 20% earns 2 points.
 - o *Post-consumer: 0%*
 - o *Pre-consumer: 12.9%*
- **Regional Materials (MR Credit 5):** Building materials or product that have been extracted, harvested or recovered, as well as manufactured, within 500 mile radius of the project site for a minimum of 10% or 20%, based on cost, of the total materials value. 10% earns 1 point, 20% earns 2 points.
 - o *Arborite Compact Laminate is manufactured in Lasalle, Quebec and Fletcher, North Carolina. Kraft paper used in Compact Laminate is extracted from Savannah, GA, 63% total weight. Raw material for HPL sheets are extracted from Ste-Thérèse, Québec /Canada, 32% total weight.*
 - o *Bobrick Manufacturing Locations: Clifton Park, NY 12065; North Hollywood, CA 91605; Jackson, TN 38301*
- **Rapidly Renewable Materials (MR Credit 6):** Rapidly renewable building materials and products for 2.5% of the total value of all building materials and products used in the project, based on cost. Rapidly renewable building materials and products are made from agricultural products that are typically harvested within a 10 year cycle. 2.5% earns 1 point.
 - o *Uses approximately 6.6% Eucalyptus Wood*
- **Certified Wood (MR Credit 7):** Use a minimum of 50%, based on cost, of wood-based materials and products that are certified in accordance with the Forest Stewardship Council's principles and criteria, for wood building components. FSC Certification earns 1 point.
 - o *FSC Certified: SCS-COC-003203 issued to Arborite*

Indoor Environmental Quality (EQ)

- **Low-Emitting Materials – Adhesives and Sealants (EQ Credit 4.1):** Adhesives and sealants used on the interior of the building must comply with South Coast Air Quality Management District Rule # 1168. Volatile organic compound (VOC) limits earns 1 point.
 - o *GreenGuard Gold Certificate# 1915-420, product certified for low chemical emissions: 220 g/L (0.22mg/m³)*
- **Low-Emitting Materials – Composite Wood and Agrifiber Products (EQ Credit 4.4):** Composite wood and agrifiber products used on the interior of the building must contain no added urea-formaldehyde resins.

- o *No added urea-formaldehyde CAS# 50-00-0*

LEED V4 has had a substantial change in how the credits are to be obtained. The information we provide is still required to calculate the credits. The table on page 4 shows you how the Arborite information can be applied in LEED V4.

FORMICA

LEED v3/2009

Material Resources (MR)

- **Recycled Content (MR Credit 4):** Materials with recycled content such that the sum of post-consumer recycled content plus ½ of the pre-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project. 10% earns 1 point, 20% earns 2 points.
 - o *Post-consumer: 0%*
 - o *Pre-consumer: 3%*
- **Regional Materials (MR Credit 5):** Building materials or product that have been extracted, harvested or recovered, as well as manufactured, within 500 mile radius of the project site for a minimum of 10% or 20%, based on cost, of the total materials value. 10% earns 1 point, 20% earns 2 points.
 - o *Formica Compact Laminate is manufactured in St. Jean Sur Richelieu, Quebec. Extraction location for Kraft paper and other paper products used to manufacture Compact Laminate is not available as they are located around the globe.*
 - o *Bobrick Manufacturing Locations: Clifton Park, NY 12065; North Hollywood, CA 91605; Jackson, TN 38301*
- **Rapidly Renewable Materials (MR Credit 6):** Rapidly renewable building materials and products for 2.5% of the total value of all building materials and products used in the project, based on cost. Rapidly renewable building materials and products are made from agricultural products that are typically harvested within a 10 year cycle. 2.5% earns 1 point.
 - o *Contains a weighted average of 6.5% rapidly renewable eucalyptus wood.*
- **Certified Wood (MR Credit 7):** Use a minimum of 50%, based on cost, of wood-based materials and products that are certified in accordance with the Forest Stewardship Council's principles and criteria, for wood building components. FSC Certification earns 1 point.
 - o *FSC Certified: SCS-COC-003270 issued to Formica*

Indoor Environmental Quality (EQ)

- **Low-Emitting Materials – Adhesives and Sealants (EQ Credit 4.1):** Adhesives and sealants used on the interior of the building must comply with South Coast Air Quality Management District Rule # 1168. Volatile organic compound (VOC) limits earns 1 point.
 - o *Based on SCAQMD Rule 1168 compliance*
- **Low-Emitting Materials – Composite Wood and Agrifiber Products (EQ Credit 4.4):** Composite wood and agrifiber products used on the interior of the building must contain no added urea-formaldehyde resins.
 - o *No added urea-formaldehyde CAS# 50-00-0*

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WILSONART

LEED v3/2009

Material Resources (MR)

- **Recycled Content (MR Credit 4):** Materials with recycled content such that the sum of post-consumer recycled content plus ½ of the pre-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project. 10% earns 1 point, 20% earns 2 points.
 - o *Post-consumer: 0%*
 - o *Pre-consumer: 10%*
- **Regional Materials (MR Credit 5):** Building materials or product that have been extracted, harvested or recovered, as well as manufactured, within 500 mile radius of the project site for a minimum of 10% or 20%, based on cost, of the total materials value. 10% earns 1 point, 20% earns 2 points.
 - o *Wilsonart Compact Laminate is manufactured in Temple, Texas and Fletcher, North Carolina. Raw material is sourced from worldwide sources and in their recipes; they can have multiple suppliers for a single component.*
 - o *Bobrick Manufacturing Locations: Clifton Park, NY 12065; North Hollywood, CA 91605; Jackson, TN 38301*
- **Rapidly Renewable Materials (MR Credit 6):** Rapidly renewable building materials and products for 2.5% of the total value of all building materials and products used in the project, based on cost. Rapidly renewable building materials and products are made from agricultural products that are typically harvested within a 10 year cycle. 2.5% earns 1 point.
 - o *Contains approximately 10% wood from rapidly renewable resources; primarily eucalyptus.*
- **Certified Wood (MR Credit 7):** Use a minimum of 50%, based on cost, of wood-based materials and products that are certified in accordance with the Forest Stewardship Council's principles and criteria, for wood building components. FSC Certification earns 1 point.
 - o *FSC Certified: SCS-COC-002415 issued to Wilsonart*

Indoor Environmental Quality (EQ)

- **Low-Emitting Materials – Adhesives and Sealants (EQ Credit 4.1):** Adhesives and sealants used on the interior of the building must comply with South Coast Air Quality Management District Rule # 1168. Volatile organic compound (VOC) limits earns 1 point.
 - o *GreenGuard Gold Certificate# 1111-420, product certified for low chemical emissions: 220 g/L (0.22mg/m³)*
- **Low-Emitting Materials – Composite Wood and Agrifiber Products (EQ Credit 4.4):** Composite wood and agrifiber products used on the interior of the building must contain no added urea-formaldehyde resins.
 - o *No added urea-formaldehyde CAS# 50-00-0*

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Material and Resources (MR)

LEED v3/2009	LEED V4
MR Credit 4 Recycled Content	Environmental Product Declaration – Option: Multiple Attribute Optimization
MR Credit 5 Regional Materials	
MR Credit 6 Rapidly Renewable Materials	Sourcing of Raw Materials – Option 2: Leadership Extraction Practices
MR Credit 7 Certified Wood	

Indoor Environmental Quality (EQ)

LEED v3/2009	LEED V4
EQ Credit 4.1 Low-Emitting Materials- Adhesives and Sealants	Low-Emitting Interiors
EQ Credit 4.4 Low-Emitting Materials- Composite Wood and Agrifiber Products	

The 500-mile radius requirement was decreased to 100-miles. The definition of regional has been expanded to include the distribution and purchase location and now includes all points of manufacture.