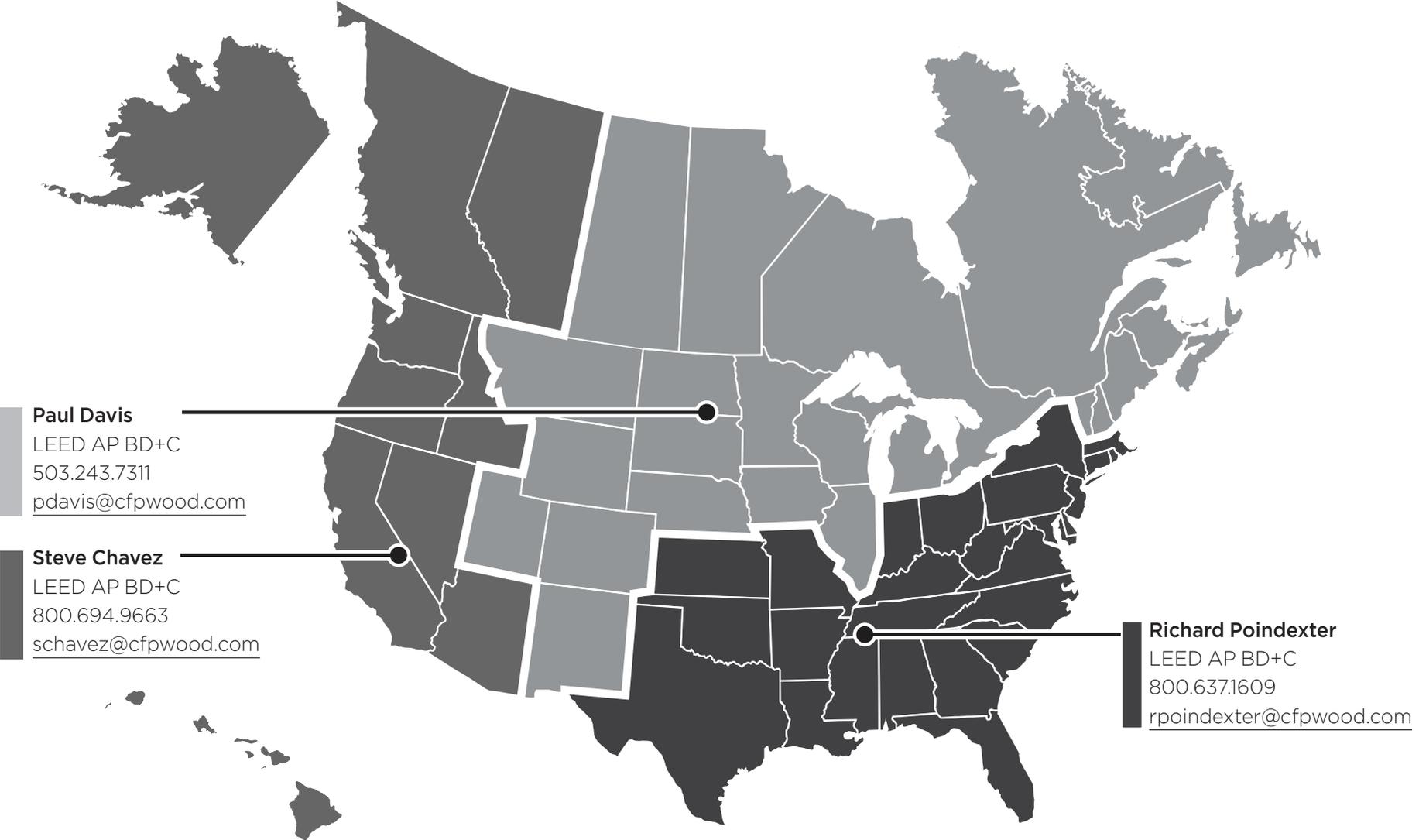


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Products by location that may contribute to LEED® credits



LEED 2009 NC LEED 3.0 Credit Number, Intent	IEQ 4.4 Low Emitting Materials - Composite Wood and Agfiber Products 1 Point Reduce quantity of odorous, irritating and/or harmful contaminants for comfort and well-being of occupants.	MR 4 Recycled Content 2-3 Points possible with innovation Incorporate recycled content materials to reduce impacts resulting from extraction and processing of virgin materials.	MR 5 Local Materials 2-3 Points possible with innovation Support use of indigenous resources and reduce environmental impact of transportation.	MR 7 FSC® Certified Wood 1-2 Points possible with innovation Encourage environmentally responsible forest management.
LEED Credit Language	Composite wood products used on the interior of the building (defined as inside of the weatherproofing system) shall contain no-added urea formaldehyde resins. Laminating adhesives used to fabricate on-site and shop-applied composite wood assemblies shall contain no-added urea formaldehyde resins. Composite wood products are defined as particleboard, medium density fiberboard (MDF), plywood, panel substrates and door cores. No innovation point suggestions provided by the USGBC. US and Canadian standards are identical for this credit.	Percentage content is determined by weight. Use materials with recycled content such that the sum of post-consumer recycled content plus one half of the preconsumer recycled content constitutes at least 10% (7.5%, in Canada) based on cost of the total value of materials in the project. Furniture may be included, provided it is included consistently in MR credits 3-7. Additional point if over 20% (15% in Canada) of the building materials are recycled. Innovation credit possible at 30% in US.	Use building materials or products that have been extracted, harvested or recovered as well as manufactured within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials value. If only a fraction is considered local then only that percentage (by weight) shall contribute to the regional value. Furniture may be included, provided it is included consistently in MR credits 3-7. An additional point if 20% of the materials qualify as local. Innovation in design point possible at 40%. Canadian GBC uses different radius/calculations based on transportation mode: 800 KM for truck; 2,400 KM by rail.	Use a minimum of 50% (by dollar value) of wood-based materials and products which are certified in accordance with the Forest Stewardship Council's™ (FSC) Principles and Criteria, for wood building components. These components include, but are not limited to, framing, flooring, sub-flooring, wood doors and finishes. Only include materials permanently installed in the project. Furniture may be included, providing it is included consistently in MR Credits 3-7. Innovation in design point possible at 95% FSC certified content. US and Canadian standards on this credit are identical.

LEED-Compliant, Decorative Panel Products by Location

Chatham, VA	Formaldehyde-free decorative veneer core plywood sold under the PureBond brand name includes MPX®, JayCore® and KayCore® Composite assemblies sold under the PureBond name also include MDF or Particleboard cores bonded with pMDI adhesive featuring decorative veneers applied with the same soy technology as PureBond veneer core production. Phenol formaldehyde bonded core Europly Plus® and Classic Core® crossband constructions with soy laminated decorative veneers also available.	Panels manufactured with recycled content composite cores are typically 80% pre-consumer recycled content by weight once resin, virgin decorative veneers are subtracted. pMDI bonded recycled content PB and MDF are also available to meet LEED IEQ 4.4 guidelines for NAUF. Specification of recycled content substrates required at time of order. Columbia passes through first person composite vendor recycled content claims documentation for review by specifier for suitability in LEED project work.	For extraction credit, only virgin veneer domestic core innerplies can be traced to the forest floor. Face and back veneers are not typically traceable to the forest floor so a 3/4" domestic panel product is 94% local (sans face and back.) Other thicknesses or constructions, check with a Columbia LEED AP for your region.	Available as FSC-Mix: PureBond MPX® and JayCore®, FSC-Mix pMDI bonded MDF and particleboard centers also available to meet IEQ 4.4 NAUF requirement. Europly Plus® and Classic Core® also available in FSC Mix constructions. See Columbia FSC web page for more detail on available face and back species.
Old Fort, NC	Formaldehyde-free PureBond decorative veneer core plywood laminated with PureBond process includes these branded variations: PureBond MPX®, JayCore® and Columbia Drawer Sides™.	Panels manufactured with recycled content composite cores are typically 80% pre-consumer recycled content by weight once resin, virgin decorative veneers are subtracted. pMDI bonded recycled content PB and MDF are also available to meet LEED IEQ 4.4 guidelines for NAUF. Specification of recycled content substrates required at time of order. Columbia passes through first person composite vendor recycled content claims documentation for review by specifier for suitability in LEED project work.	For extraction credit, only virgin veneer domestic core innerplies can be traced to the forest floor. Face and back veneers are not typically traceable to the forest floor so a 3/4" domestic panel product is 94% local (sans face and back.) Other thicknesses or constructions, check with a Columbia LEED AP for your region.	Available as FSC-Mix: PureBond MPX®, JayCore® and Columbia Drawer Sides™, FSC 100% constructions also available with selected decorative veneer species on MPX®, JayCore® and Europly Plus®. See Columbia FSC web page for more detail on available face and back species.
Klamath Falls, OR	Formaldehyde-free decorative veneer core plywood sold under the PureBond brand name includes MPX® and JayCore®. Composite assemblies sold under the PureBond name also include MDF or Particleboard cores bonded with pMDI adhesive featuring decorative veneers applied with the same soy technology as PureBond veneer core production. Phenol formaldehyde bonded core Europly Plus® and Classic Core® constructions with soy laminated decorative veneers also available.	Panels manufactured with recycled content composite cores are typically 80% pre-consumer recycled content by weight once resin, virgin decorative veneers are subtracted. pMDI bonded recycled content PB and MDF are also available to meet LEED IEQ 4.4 guidelines for NAUF. Specification of recycled content substrates required at time of order. Columbia passes through first person composite vendor recycled content claims documentation for review by specifier for suitability in LEED project work.	For extraction credit, only virgin veneer domestic core innerplies can be traced to the forest floor. Face and back veneers are not typically traceable to the forest floor so a 3/4" domestic panel product is 94% local (sans face and back.) Other thicknesses or constructions, check with a Columbia LEED AP for your region.	Available as FSC-Mix: PureBond MPX®, and JayCore®, FSC-Mix pMDI bonded MDF and particleboard centers also available to meet IEQ 4.4 NAUF requirement. FSC 100% constructions also available with selected decorative veneer species on MPX®, JayCore® and Europly Plus®. See Columbia FSC web page for more detail on available face and back species.
Trumann, AR	Formaldehyde-free decorative veneer core plywood sold under the PureBond brand name includes MPX®, JayCore® and KayCore®. Composite assemblies sold under the PureBond name also include MDF or Particleboard cores bonded with pMDI adhesive featuring decorative veneers applied with the same soy technology as PureBond veneer core production. Phenol formaldehyde bonded core Europly Plus® and Classic Core® constructions with soy laminated decorative veneers also available.	Panels manufactured with recycled content composite cores are typically 80%pre-consumer recycled content by weight once resin, virgin decorative veneers are subtracted. pMDI bonded recycled content PB and MDF are also available to meet LEED IEQ 4.4 guidelines for NAUF. Specification of recycled content substrates required at time of order. Columbia passes through first person composite vendor recycled content claims documentation for review by specifier for suitability in LEED project work.	For extraction credit, only virgin veneer domestic core innerplies can be traced to the forest floor. Face and back veneers are not typically traceable to the forest floor so a 3/4" domestic panel product is 94% local (sans face and back.) Other thicknesses or constructions, check with a Columbia LEED AP for your region.	Available as FSC-Mix: PureBond MPX®, and JayCore®, FSC-Mix pMDI bonded MDF and particleboard centers also available to meet IEQ 4.4 NAUF requirement. Europly Plus® and Classic Core® also available in FSC Mix constructions. See Columbia FSC web page for more detail on available face and back species.
Hearst, ON St. Casimir, QC	Formaldehyde-free decorative veneer core plywood sold under the PureBond brand name includes MPX®, and CANAM Gold+ blanks. Composite assemblies sold under the PureBond name also include MDF or Particleboard cores bonded with pMDI adhesive featuring decorative veneers applied with the same soy technology as PureBond veneer core production. Phenol formaldehyde bonded core Europly Plus® and Classic Core® constructions with soy laminated decorative veneers also available.	Panels manufactured with recycled content composite cores are typically 80% pre-consumer recycled content by weight once resin, virgin decorative veneers are subtracted. pMDI bonded recycled content PB and MDF are also available to meet LEED IEQ 4.4 guidelines for NAUF. Specification of recycled content substrates required at time of order. Columbia passes through first person composite vendor recycled content claims documentation for review by specifier for suitability in LEED project work.	Last point of fabrication (not on job site) determines location of manufacture. For extraction credit, 100% domestic core construction only - no imported substrates count. Use plant address for location of tree harvest for domestic veneer core production. Special calculation required for domestic panels with imported decorative faces.	Available as FSC-Mix: MPX®, CANAM GOLD+®, and Melawood®, FSC-Mix pMDI bonded MDF and particleboard centers also available to meet IEQ 4.4 NAUF requirement. Europly Plus® and Classic Core® constructions also available in FSC Mix Constructions. See Columbia FSC web page for more detail on available face and back species.

Materials offered by location is subject to change. The LEED® green building certification program is the nationally accepted benchmark for the design, construction, and operation of green buildings. USGBC® and related logo is a trademark owned by the U.S. Green Building Council® and is used with permission.

LEED 2009 NC references a regional credit point structure which varies by zip code by state. To see what additional credits may contribute to this credit, click through to the regional credit page of the USGBC web site to confirm credits applicable to project area.