

## LEED v4 and v4.1 Credit Analysis: PremierBac® Plus

| Credit Category                   | Credit Name   | Documentation to Provide   | Available Documentation for Credit Option 1: Disclosure/Reporting   | Available Documentation for Credit Option 2: Optimization | LEED v4.1 Contribution   | Multiplier                                    |
|-----------------------------------|---|--|---|---|--|---|
| Materials & Resources (MR)        | Building Product Disclosure and Optimization — Environmental Product Declarations | Product-specific, Type III EPD: cradle-to-grave scope, ISO 21930 compliant with external third party verification<br><br>LCA/EPD Optimization Assessment   | EPD: <a href="#">Link</a>   | LCA/EPD Optimization Assessment: <a href="#">Link</a>     | Disclosure: Valued as 1.5 products<br><br>Optimization: Valued as 2.0 products   | Regional materials multiplier not applicable. |
| Materials & Resources (MR)        | Building Product Disclosure and Optimization — Sourcing of Raw Materials          | Manufacturer participates in an extended producer responsibility (“Take Back”) program   | Flooring Reclamation Program: <a href="#">Link</a>  |   | Point value based on total spend on product. This will be determined at time of submittal  | Regional materials multiplier not applicable. |
|                                   |   | Recycled Content   | >45% Pre-Consumer Recycled Content: <a href="#">Link</a>  |   | Point value based on total spend on product. This will be determined at time of submittal  |   |
| Materials & Resources (MR)        | Building Product Disclosure and Optimization — Material Ingredients               | LEED Compliant HPD to 1000 or 100 ppm  | LEED Compliant HPD to 1000 or 100 ppm: <a href="#">Link</a>   | N/A   | Disclosure: Valued as 1 product  | Regional materials multiplier not applicable. |
| Indoor Environmental Quality (EQ) | Low-Emitting Materials  | General Emissions Evaluation: Carpet and Rug Institute Green Label Plus (GLP) Certification for PremierBac® Plus and Commercialon® Adhesive<br><br>VOC Content Evaluation: Technical data sheet (TDS) for adhesive | PremierBac® Plus (GLP5055) <a href="#">GLP Certification</a><br>Adhesive (GLP100085) <a href="#">GLP Certification</a><br>Adhesive Technical Data Sheet (TDS) <a href="#">VOC Content</a><br><br>Carpet and Rug Institute’s Green Label Plus (GLP) Certification is tested and compliant to CDPH Standard Method v1.2-2017. <a href="#">CDPH v1.2 Certification Listing</a> |   | Meets VOC Emissions Evaluation through GLP Certification for PremierBac® Plus and Commercialon® Adhesive<br><br>Meets VOC Content Evaluation through TDS | N/A   |



## LEED v4 and v4.1 Pilot Credit Analysis: PremierBac® Plus

| Credit Category | Credit Name  | Documentation to Provide                                       | Credit Pathways          | Credit Contribution                       |
|-----------------|--|--|--------------------------|---|
| Pilot Credit    | MRpc112: Certified Multi-attribute Products and Materials  | NSF140 Certification   | NSF140 Gold Certified    | Contributes 75% of the total product cost |
| Pilot Credit    | MRpc132: Procurement of Low Carbon Construction Materials  | Third-Party Verified Cradle-to-Grave EPD                       | Third-Party Verified EPD | N/A                                       |
| Pilot Credit    | MRpc131: Circular Products   | Third-Party Verified Cradle-to-Grave EPD or Circularity Report | Designed for Circularity | Valued as 1 product                       |
| Pilot Credit    | IPpc144: Social Equity Within the Supply Chain   | Validated Supplier Assessment                                  | WAP VCCM                 | N/A                                       |
| Pilot Credit    | MRpc109: Building Material Human Hazard & Exposure Assessment<br><i>Closed to new LEED project registrations</i> | Validated Exposure Assessment                                  | Exposure Assessment      | N/A                                       |

## LBC 4.1 Imperative Analysis: PremierBac® Plus

| LBC Petal Category   | Imperative Name                                 | Documentation to Provide  | Available Documentation for Imperative Requirements  | LBC 4.1 Contribution  |
|----------------------|---|---|--|---|
| Energy               | I07 Energy + Carbon Reduction (Core Imperative) | Environmental Product Declaration (EPD)   | EPD: <a href="#">Link</a>  | <b>I07-4 Embodied Carbon Reduction Documentation</b><br><b>I07-5 Embodied Carbon Data</b><br>All projects must select interior products with a lower than industry average carbon footprint.  |
| Energy               | I08 Net Positive Carbon                         | Environmental Product Declaration (EPD)   | EPD: <a href="#">Link</a>  | <b>I08-2 Embodied Carbon Threshold Documentation</b><br>All projects must set a goal to achieve below the ILFI-approved embodied carbon threshold for the upfront embodied carbon of the project (lifecycle stages A1-A5).  |
| Health and Happiness | I10 Healthy Interior Performance                | Carpet and Rug Institute Green Label Plus (GLP) Certification for PremierBac® Plus and Commercialon® Premium Adhesive | PremierBac® Plus (GLP5055) <a href="#">GLP Certification</a><br>Adhesive (GLP100085) <a href="#">GLP Certification</a><br>Adhesive Technical Data Sheet (TDS) <a href="#">VOC Content</a><br><br>Carpet and Rug Institute's Green Label Plus (GLP) Certification is tested and compliant to CDPH Standard Method v1.2-2017.<br><a href="#">CDPH v1.2 Certification Listing</a> | <b>I10-3 CDPH Compliance Documentation Evaluation</b><br>GLP Certification for PremierBac® Plus and Commercialon® Adhesive: 90% of interior building products with the potential to emit VOCs must comply with CDPH requirements or International equivalent.<br><br>VOC Content Evaluation: Commercialon® Premium Adhesive is SCAQMD Rule 1168 Compliant |
| Materials            | I13 Red List                                    | HPD to 100 ppm<br>VOC Content of any wet-applied products   | HPD: <a href="#">Link</a><br><br>Green Label Plus (GLP) Certification and VOC Content Evaluation for Commercialon® Premium Adhesive: Adhesive (GLP100085) <a href="#">GLP Certification</a><br>Adhesive Technical Data Sheet (TDS) <a href="#">VOC Content</a>   | <b>I13-3 Ingredients List (Product Content Inventory) Documentation</b><br>HPD: All projects must avoid LBC Red List chemicals in 90% of new project materials by cost.<br><br><b>I13-4 VOC Content Documentation</b><br>Commercialon® Premium Adhesive: GLP Certification, SCAQMD Rule 1168 Compliant  |
| Materials            | I15 Living Economy Sourcing                     | Manufacturing Location of Products: Dalton, Georgia, USA  | HPD: <a href="#">Link</a>  | <b>I15-2 Supporting Documentation</b><br>HPD: Contribution based on project site's distance from manufacturing location. This will be determined at time of submittal.  |

## WELLv2 Q3-Q4 2024 Feature Analysis: PremierBac® Plus

| WELL Concept Category | Feature Name                        | Documentation to Provide  | Available Documentation for Imperative Requirements   | WELL v2 Contribution   |
|-----------------------|-------------------------------------|---|---|--|
| Materials             | X05 Enhanced Material Restrictions  | HPD to 100 ppm  | HPD: <a href="#">Link</a>   | <b>Part 2: Select Compliant Architectural and Interior Products</b><br>Flooring products contain 100ppm (0.01%) by weight or less of: halogenated flame retardants (HFRs), per- and polyfluoroalkyl substances (PFAS), and orthophthalates.  |
| Materials             | X06 VOC Restrictions                | Carpet and Rug Institute Green Label Plus (GLP) Certification for PremierBac® Plus and Commercialon® Adhesive Technical Data Sheet (TDS) for Commercialon® Adhesive | PremierBac® Plus (GLP5055) <a href="#">GLP Certification</a><br>Adhesive (GLP100085) <a href="#">GLP Certification</a><br>Adhesive Technical Data Sheet (TDS) <a href="#">VOC Content</a> | <b>Part 1: Limit VOCs from Wet-Applied Products</b><br><b>Part 2: Restrict VOC Emissions from Furniture, Architectural and Interior Products</b><br>Carpet and Rug Institute's Green Label Plus (GLP) Certification is tested and compliant to CDPH Standard Method v1.2-2017. <a href="#">CDPH v1.2 Certification Listing</a><br><br>Commercialon® Premium Adhesive is SCAQMD Rule 1168 Compliant |
| Materials             | X07 Materials Transparency          | HPD to 100 ppm  | HPD: <a href="#">Link</a>   | <b>Part 1: Select Products with Disclosed Ingredients</b><br><b>Part 2: Select Products with Enhanced Ingredient Disclosure</b><br><b>Part 3: Select Products with Third-Party Verified Ingredients</b><br>HPD to 100 ppm  |
| Innovation            | I06 Carbon Disclosure and Reduction | Environmental Product Declaration   | EPD: <a href="#">Link</a>   | <b>Part 1: Assess Carbon Emissions</b><br><b>Part 2: Set Carbon Reduction Goals</b><br><b>Part 3: Meet Carbon Reduction Goals</b><br>Property owner, builder, developer, or management organization has completed a carbon emissions assessment that includes Scope 3 emissions (where building products are part of Purchased Goods and Services), and has set and/or met carbon reduction goals. |