

IARC LIBRARY: Brochure 06.00.00  
**PUREBOND HARDWOOD PLYWOOD**  
**06.41.13**  
**2013**

|                            |   |   |
|----------------------------|---|---|
| <b>PRODUCT INFORMATION</b> | <b>TYPE OF PRODUCT</b>                    | Decorative hardwood plywood assembled with cores of all veneer; phenolic1 particleboard; phenolic medium density fiberboard; phenolic oriented strand board; phenolic combination core construction or MDI1-resin bonded, medium density fiberboards; in assemblies laminated with Columbia's proprietary, formaldehyde-free, soy-based PureBond assembly process.  |
|                            | <b>COMPANY NAME</b>                       | Columbia Forest Products  |
|                            | <b>PRODUCT/COLLECTION NAME</b>            | PureBond  |
|                            | <b>DESCRIPTION</b>                        | Used for Veneer-Core and Wheatstraw Agrifiber-Core Construction for Architectural Woodwork  |
| <b>MATERIAL FEEDSTOCK</b>  | <b>MATERIAL CONTENT</b>                   | Wood, soy flour-based adhesive  |
|                            | <b>RECYCLED CONTENT %</b>                 | N/A   |
|                            | <b>RAPIDLY RENEWABLE CONTENT %</b>        | PureBond hardwood plywood panels Are specified as FSC-certified. By buying products with an FSC label you support the growth of responsible forest management worldwide. FSC Trademark © 1996 Forest Stewardship-Council A.C. sw-coc-065  |
|                            | <b>HARMFUL ADDITIVES</b>                  | N/A   |
|                            | <b>HARMFUL EMISSIONS</b>                  | Wood Dust2 avoid inhaling; Could cause cancer   |
|                            | <b>EMISSION STRENGTH OVER TIME</b>        | N/A   |
|                            | <b>TREATMENTS</b>                         | PureBond platforms offer the panel laminating community and other fabricators who apply their own surface treatments or who seek non-toxic framestock materials a new option to satisfy the urea formaldehyde emission or content requirements of LEED® projects, CARB limits, and general green building guidelines.   |
| <b>MANUFACTURING</b>       | <b>MANUFACTURING PROCESS</b>              | phenol formaldehyde and diphenylmethane diisocyanate (MDI), unlike urea formaldehyde adhesives, are chemically reacted into stable bonds during pressing which do not have the potential to hydrolyze and re emit formaldehyde back into the atmosphere. Once the phenol formaldehyde and MDI platform adhesive systems are reacted, the final panel products have such low formaldehyde emission levels<br><br>They recycle scrap for fuel in their furnaces and sell residual materials to others who use it for mulch or other products. |
|                            | <b>HARMFUL EMISSIONS</b>                  | N/A   |
|                            | <b>LOCATION OF MANUF. PLANT</b>           | Old Fort, NC  |
|                            | <b>TESTS/CODES</b>                        | Yes   |
|                            | <b>3<sup>RD</sup> PARTY CERTIFICATION</b> | Satisfies LEED®, CARB, and Green project FSC-certified  |
| <b>INSTALLATION</b>        | <b>INSTALLATION PROCEDURE</b>             | N/A   |
|                            | <b>INSTALLATION ADHESIVES</b>             | N/A   |
|                            | <b>UNIT COST</b>                          | N/A   |
|                            | <b>LIFE CYCLE ANALYSIS EXTRACTION</b>     | N/A   |
|                            | <b>END OF SERVICE LIFE</b>                | Place recovered wood dust in a container for proper disposal. Dispose in accordance with Federal, State, and Local regulations. Disposal is the responsibility of the generator.  |
| <b>MISC. PROPERTIES</b>    | <b>QUALITIES/PROPERTIES OF PRODUCT</b>    | Superior moisture resistance<br>Stronger and Lighter than MDF or PBC  |
|                            | <b>MISC. COMMENTS</b>                     | N/A   |
|                            | <b>CONTRIBUTION TO LEED POINTS</b>        | Indoor Environmental Quality 4.4 Low Emitting Material<br>Regional Material   |
| <b>COMPANY PROFILE</b>     | <b>GREEN PHILOSOPHY</b>                   | Columbia Forest Products has long been a leader in sustainable forestry practices and innovative manufacturing. We're now reaching out to homeowners and letting them know how easy it is to get top-quality cabinets, furniture and built-ins without the risk of formaldehyde   |
|                            | <b>CONTACT</b>                            | 1.800.637.1609  |

**MAINTENANCE**

**AFTER INSTALLATION**

**N/A**