

PolyBak[™] Ultra[™] by RICHWOOD

Why use PolyBak Ultra?

Feature	Function	Benefit
Moisture Barrier	Higher moisture resistance compared to competitive backers.	Increased panel flatness and overall quality.
.035" Thick	Similar thickness to phenolic backers.	Interchangeable with your current manufacturing process.
Paintable	Consistent surface allows for quality paint application.	Eliminates waste due to poor surface quality.
Wider Variety of Sizes	Standard size sheets and custom sizes available.	Improved yield, reduced labor, saves money.
Flexible	Bends easily without cracking, ideal for wrapping curved surfaces.	Less breakage in handling, great multi-use product.
Sustainable	GreenGuard Certified, No Added Formaldehyde (NAF), Controlled Wood Kraft Paper	Exceeds industry emissions standards and can contribute to LEED credit points (MR 4.1, 4.2, EQ 4.4).
Machinability	Reduced friction lowers heat build up to provide extended tool life.	Increased productivity, saves money.

When should I use PolyBak Ultra?

- As an alternative to Phenolic Backer
- For improved performance in balancing work surfaces and countertops
- When increased tensile strength is required, such as balancing thinner panels
- For MDO (Medium Density Overlay) and HDO (High Density Overlay) applications
- Doorskin applications
- Cross-band or Veneer Backing



Physical Properties of PolyBak Ultra:

- Tensile strength (MD): 456
- Tensile strength (CD): 222
- Thickness: .035

Standard Sizes and Minimums:

- Widths: 25", 31", 49", 61"
- Lengths: 97", 109", 121", 145"
- Minimums: 25" & 31" - 500 pcs, 49" & 61" - 250 pcs
- Custom sizes available, minimums may apply

