



panel products from patriot timber

**RevolutionPly®**

U.S. Patent No. 8,414,996

## VS. Luan (Luan/Meranti) Plywood

- RevolutionPly® plywood is a viable long term sustainable alternative to Luan (Luan/Meranti) plywood.
  - RevolutionPly® plywood originates from plantation and sustainable wood sources and contains no tropical hardwoods. The veneers in RevolutionPly® are produced from trees that are harvested in 7-10 year cycles.
  - RevolutionPly® plywood is consistent in appearance from sheet to sheet with a 100% uniform light red color.
  - Every sheet of RevolutionPly® plywood has a B grade or better face that is free of knots and discoloration.
  - RevolutionPly® plywood has the best packaging in the industry. RevolutionPly® plywood crates have corner guards, an inner foam layer and an exterior cardboard cover which ensures complete product protection.
- Most Luan (Luan/Meranti) plywood originates from tropical hardwood forests that have not been managed for long term sustainability.
  - Most Luan (Luan/Meranti) plywood originates from tropical forests situated along the Equator. These forests have declined dramatically over the past 30 years due to poor forest management.
  - The appearance of Luan (Luan/Meranti) plywood varies significantly from shipment to shipment depending on the source.
  - Most Luan (Luan/Meranti) plywood is sold as an overlay and better grade which allows for the presence of knots, patches and discoloration.
  - Most Luan (Luan/Meranti) plywood has been packaged the same for the past 30 years. The crates have plywood covers, no corner protection and an inner liner of thin clear plastic. This packaging provides very little product protection which can lead to end and edge damage and the potential for the growth of mold inside the crates.