

## Advantages of EcoPly Poplar Plywood vs. CDX plywood

Film-faced poplar plywood, manufactured by Engineered Wood Products Inc., provides numerous benefits over CDX plywood in the concrete forming industry:

1. **Smooth Surface:** Engineered Wood Products' film-faced poplar plywood features a consistently smooth surface, thanks to its high-quality phenolic film coating. This smoothness enables a superior finish on the concrete surface, reducing the need for additional surface treatments.
2. **Enhanced Durability:** The phenolic film coating on Engineered Wood Products' film-faced poplar plywood offers exceptional resistance to moisture, chemicals, and abrasion. This durability allows the plywood to withstand repeated use in concrete formwork without warping, swelling, or delamination.
3. **Improved Reusability:** Engineered Wood Products' film-faced poplar plywood boasts an extended lifespan compared to CDX plywood. Its resistance to moisture and wear ensures that it can be reused for multiple concrete casting projects, resulting in significant cost savings over time.
4. **Effortless Release:** The smooth film surface of Engineered Wood Products' film-faced poplar plywood facilitates easy release of the concrete after curing. It minimizes adhesion between the plywood and the concrete, making the formwork removal process faster and more efficient.
5. **Time and Labor Savings:** The enhanced surface quality and effortless release properties of Engineered Wood Products' film-faced poplar plywood can save time and labor in formwork construction and concrete pouring. The smooth surface requires less effort for finishing, while easy release simplifies formwork removal, thereby increasing overall productivity.



6. Consistent Panel Thickness: Engineered Wood Products' film-faced poplar plywood is manufactured with precise panel thickness, ensuring uniformity in concrete thickness and delivering accurate results in the construction process.
7. Lightweight: Engineered Wood Products' film-faced poplar plywood is known for its lightweight nature compared to CDX plywood. This characteristic makes it easier to handle, transport, and assemble on-site, reducing physical strain on workers and enhancing overall efficiency.
8. Environmental Considerations: Engineered Wood Products prioritizes environmental sustainability in their film-faced poplar plywood production. The plywood is typically made from fast-growing and renewable poplar trees, making it an eco-friendly choice. Additionally, the phenolic film coating used is derived from sustainable sources and is free from toxic chemicals.

While CDX plywood may still have its place in certain concrete forming applications, Engineered Wood Products' film-faced poplar plywood offers distinct advantages in terms of surface quality, durability, reusability, ease of use, and environmental consciousness. These benefits make it a preferred choice for many concrete construction projects.

Building Strength and Sustainability

Engineered Wood Products inc.  
3612 Ventura Dr. E.  
Lakeland, Florida 33811  
863-336-5611  
[www.ewpinc.co](http://www.ewpinc.co)