

BROOKSIDE POLYFLEX

KRAFT PAPER BACKING

Technical Bulletin

Composition

Brookside Veneers introduces Polyflex, the newest technology in paper backing material. This specially formulated and engineered backing is produced by impregnating Kraft paper with a proprietary polymer resin system. In most applications, the unique qualities of Polyflex make it a viable alternative to phenolic backing.

Advantages

- Superior strength (less brittle than commercial laminate backings)
- Water-resistant
- Flexible (.020 standard thickness)
- Economical compared to phenolic
- Resistance to shrinkage

Limitations & Storage

Polyflex is for interior use only. It can be bonded to various substrates including MDF, particle board and cabinet grade plywood. Most cold setting adhesives, such as PVA or contact cement, can be used. The Polyflex and the substrate must reach equilibrium moisture content before gluing. This usually requires exposing all materials to ambient conditions for a minimum of 48 hours (70°F - 75°F; 45 - 50% relative humidity). Because Polyflex has a higher moisture resistance than other paper backings, it is important to note that when using a PVA adhesive, a solid content of 55% or higher is preferred. Contrary to other backings, Polyflex adheres better to the substrate with less PVA glue. It is recommended that 3 - 5 wet mils (7.5 - 12.6 grams) be applied. Consult your adhesive manufacturer for open time, spread rate, curing time, and pressure application.

When properly stored, Polyflex is a very stable product with unlimited shelf life. Store Polyflex in a cool, dry location.

MSDS sheets are available upon request.

