



CHARACTERISTICS OF CORE MATERIAL PERFORMANCE

Palmieri Furniture is renowned for selecting materials that will deliver the finest in both aesthetics and dimensional stability. Unlike our competition, we use All-Hardwood Veneer Core with composite crossbands, which provides unmatched performance.

The following chart produced by the *Architectural Woodwork Institute*, illustrates the several manufacturing options available within the shelving industry and demonstrates how Palmieri Furniture selects only the best shelving methods available.

| Panel Core Type | Flatness | Visual Edge Quality | Surface Uniformity | Dimensional Stability | Screw-holding | Bending Strength |
|--|-----------|---------------------|--------------------|-----------------------|---------------|------------------|
| Industrial Particleboard (Medium) | Excellent | Good | Excellent | Fair | Fair | Good |
| Medium Density Fiberboard (MDF) | Excellent | Excellent | Excellent | Fair | Good | Good |
| Veneer | Fair | Good | Fair | Excellent | Excellent | Excellent |
| Lumber | Good | Good | Good | Good | Excellent | Excellent |
| Combination Core with composite crossbands | Excellent | Good | Excellent | Good | Excellent | Excellent |
| Combination Core with composite inner ply | Good | Fair | Good | Good | Good | Good |
| Moisture Resistant Particleboard | Excellent | Good | Good | Fair | Fair | Good |
| Moisture Resistant MDF | Excellent | Excellent | Excellent | Fair | Good | Good |
| Fire Rated Particleboard | Excellent | Fair | Good | Fair | Fair | Good |

Architectural Woodwork Institute – 8th Edition Quality Standards, developed in cooperation with the Hardwood Plywood and Veneer Association.