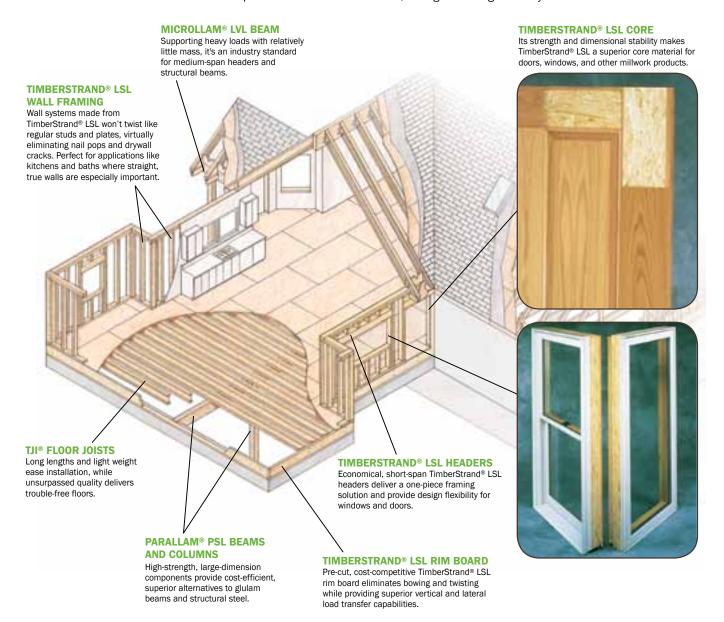
## TIMBERSTRAND® LSL

## STIFF, STRAIGHT, AND STRONG



For years, architects have turned to structural composite lumber for its superior strength and stability. Using materials made from Trus Joist® Microllam® LVL, Parallam® PSL, and TimberStrand® LSL helps builders reduce or eliminate construction problems caused by twisting, splitting, or wane.

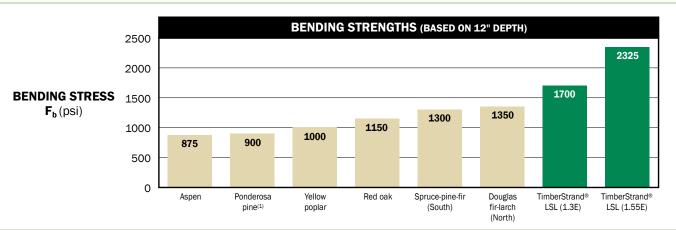
TimberStrand® laminated strand lumber (LSL) brings these same structural benefits to architectural wood doors and windows, providing a quality that cannot be matched by the shop-grade lumber traditionally used in millwork. TimberStrand® LSL is free of knots or other defects than can cause warp in traditional lumber. It's stiff, strong and straight—every time.

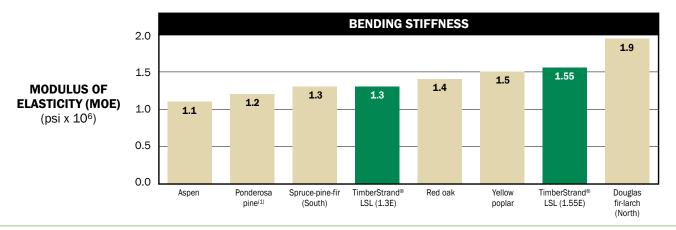


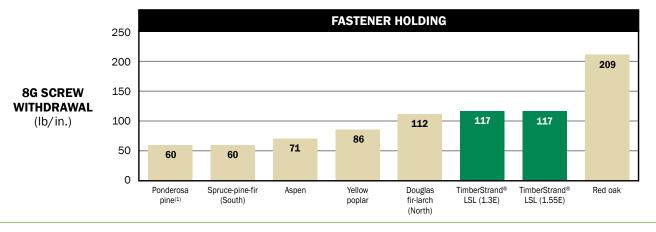
## STRENGTH COMPARISON

## TIMBERSTRAND® LSL vs. SELECT STRUCTURAL GRADE LUMBER









- Select structural grade lumber values taken from the American Forest and Paper Association's 2012 National Design Specification® (NDS) for Wood Construction.
- TimberStrand® LSL values taken from ICC ES ESR-1387. Bending values are for edge orientation; screw withdrawal is for face orientation, assuming 0.50 specific gravity.

 $^{(1)}$  Ponderosa pine is a species of Western Woods, the NDS  $\!\!^{\tiny{\textcircled{\tiny{\scriptsize 0}}}}$  designation.

