

CYPRESS



Although Cypress is a softwood, it grows alongside hardwoods and is traditionally grouped and manufactured with hardwoods. Southern Cypress grows all along the Gulf Coast, Texas and into Delaware, thriving in a variety of different climates. It contains a natural preservative oil called cypressene that rises to the surface and protects against rot, insects and other harmful substances. Cypress displays great amounts of grain variation. Tight and vertical grain, cathedral grain and mixed grain will all be present, giving Cypress buyers aesthetic variation in the product. Cypress is suitable for interior and exterior siding, decking and paneling. The combination of Cypress's intrinsic qualities and beautiful grain make it an excellent Shou-Sugi-Ban product, as it reacts to the flame well and holds together because of its strength and preservatives. Cypress will perform well when installed as siding in any climates. Delta offers all of our Shou-Sugi-Ban finishes in Cypress.

REDWOOD



Redwood is one of the most dimensionally stable of the western softwoods. It is not prone to checking and splitting and, therefore, is less likely to be damaged by weathering. It holds its profile and keeps its joints with little warping or cupping. Redwood also retains its finish very well and requires less maintenance than some other species. Redwood is naturally insect-resistant, not just on its face but, throughout the wood. Despite being one of the lightest of softwoods, Redwood provides adequate strength for a wide variety of uses. Even though the wood is light, it has thousands of air-filled cavities, which account for its insulation values. Redwoods grow to be so tall, partly because they contain tannic acid, which is a natural fire repellant. The tannic acid preserves the surface in the wood during the Shou-Sugi-Ban process, contributing to a beautiful product. The wide-open grain of the wood creates a nice contrast between the burnt wood and exposed grain. Delta offers Redwood in our Burn & Brush, Tiger, and Tiger Smooth Shou-Sugi-Ban finishes.

DOUGLAS FIR



Douglas fir is a standard-bearer when it comes to strength, stability and longevity. Engineers consistently choose Douglas fir as a structural lumber, due to its fitness to meet any high performance demands or test. Douglas fir is recognized universally for its superior strength-to-weight ratio. The straight grain structure found in Douglas fir makes the species less likely to warp over time. A straight grain stays straight even when the environment does not. The strength found in Douglas fir makes it an excellent Shou-Sugi-Ban product, as it takes to the flame very well. Its straight grain pops and looks beautiful once charred. Douglas fir should be used primarily as an interior or exterior siding and is available in all of Delta's Shou-Sugi-Ban finishes.

SOUTHERN YELLOW PINE



Southern Pine is ideal for interior millwork. This 100% southern yellow pine is clear and free of knots and sourced from Texas. It does not splinter, sliver or scratch and is extremely durable. Design values assigned for Southern Pine are among the highest of all softwoods. The grain looks beautiful when charred and "Sahara'ed". Delta offers Southern Yellow Pine in our Tiger and Tiger Smooth Shou-Sugi-Ban finishes.