

Rosboro

Growing Today • Building Tomorrow®

Rosboro Glulam: Alaska Yellow Cedar and Port Orford Cedar

Alaska Yellow Cedar and Port Orford Cedar are revered for their attractive, tight-grained appearance and natural resistance to decay and insects.

History and Applications

Because of its durability, resistance to acid, stability and workability, Alaska Yellow Cedar and Port Orford Cedar have a wide variety of uses. Indians along the northwest coast of North America carved canoes from AYC and the Japanese used the wood to build temples because of its durability and resistance to termites. Today, due to the natural decay-resistant properties, the primary use for Yellow Cedar in Japan is for sill plates called dodai. Port Orford Cedar is strong, fine-grained, and naturally insect resistant making it a popular choice for woodwork, decking, and exposed beam applications.



Alaska Yellow Cedar glulam was used for both the steps and the stringers.

Painting

The natural oil in both the Yellow Cedar and Port Orford Cedar make paint adhesion difficult therefore painting is not recommended.



Yellow Cedar posts and rails.

A Green Alternative to Treated Wood

Many designers are looking for a suitable alternative to treated wood. Cedar glulam is available in long lengths and a wide range of section sizes and is manufactured with the same high quality water resistant glue that has been used in the industry for decades. The wood is fine in texture with a straight grain and uniform yellow coloring. Yellow Cedar and Port Orford Cedar glulam is ideal for many above-ground applications such as deck beams and girders, trellises, porches, and balconies. Both cedar products can be ordered curved or fabricated.

Widths

- 3¹/₈", 5¹/₈", 6³/₄", 8³/₄", 10³/₄", 12¹/₄", 14¹/₄"
- Length to 100 feet

Appearances

Rosboro offers many appearances including Architectural, Industrial, Premium, and Framing. Both glulam species can also be specified with a rough sawn texture. For more information, please visit www.rosboro.com and click on the Appearances and Textures page under Technical Support.

Alaska Yellow Cedar (AYC)

EWS Combination	Balanced or Unbalanced	Species	Tension F _b (psi)	Compression F _b (psi)	Horizontal Shear F _v (psi)	MOE 10 ⁶
20F-V12	Unbalanced	AYC	2000	1400	265	1.5
20F-V13	Balanced	AYC	2000	2000	265	1.5

Port Orford Cedar (POC)

Rated strongest among cedars, Port Orford Cedar offers exceptional decay resistance due to natural oils that protect against moisture and microorganisms. This respected species has been used for everything from Japanese Buddhist temples to high-performance sailboats. POC has limited availability so contact your supplier for lead time.

EWS Combination	Balanced or Unbalanced	Species	Tension F _b (psi)	Compression F _b (psi)	Horizontal Shear F _v (psi)	MOE 10 ⁶
22F-V/POC2	Unbalanced	POC	2200	1600	265	1.8
22F-V/POC1	Balanced	POC	2200	2200	265	1.8



Built to resemble an early-century train depot, Rosboro AYC glulam adds warmth and durability to this unique building.

Make Rosboro Your Trusted Resource

Along with a comprehensive library of information on our website, we also offer a technical support hotline and software that helps you specify the right beam for any application. Call our sales team to discuss custom options, combined orders, and the many advantages of making Rosboro your one-stop resource for building materials.

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A closer look at the natural color and grain of AYC.

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