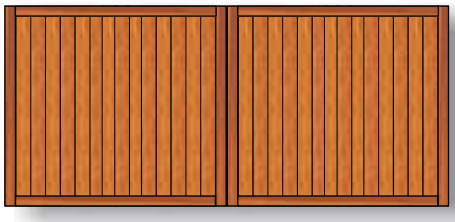
GREEN EAGLE
GARAGE DOOR COMPANY

Cedar Door Designs

CEDAR DOORS

 # 101

 # 102



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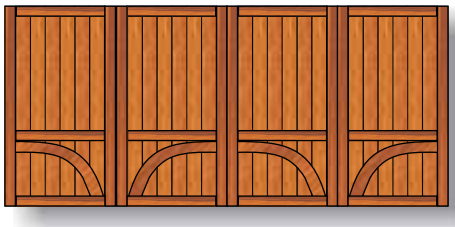

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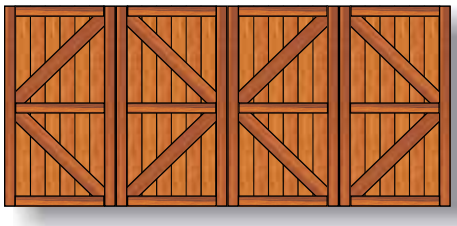

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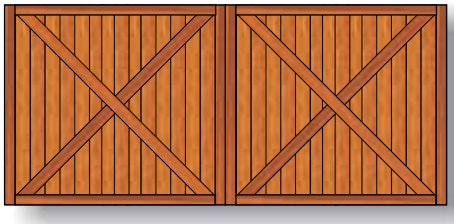

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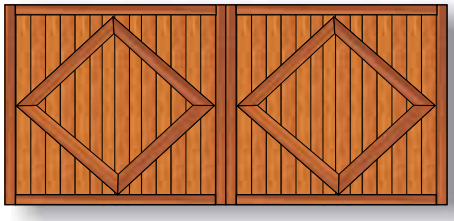

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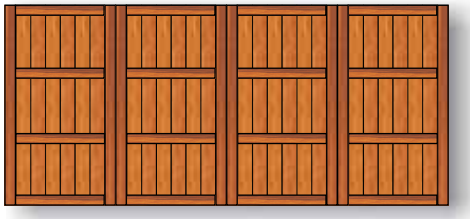

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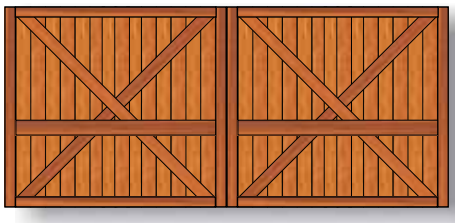

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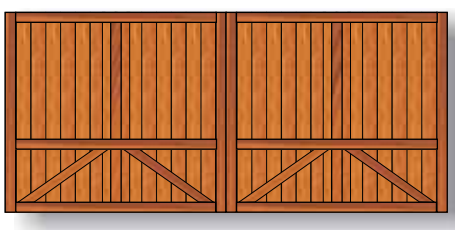

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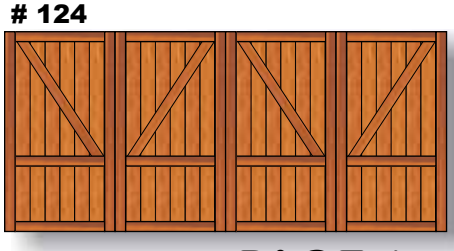

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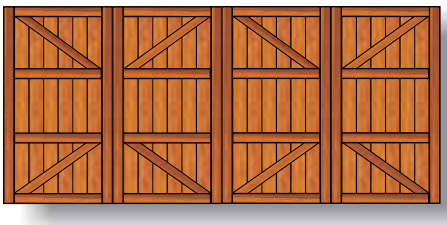
Cedar Door Designs

CEDAR DOORS

125



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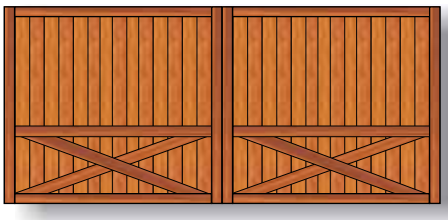

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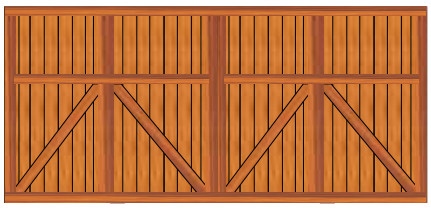

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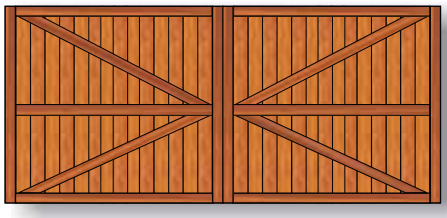

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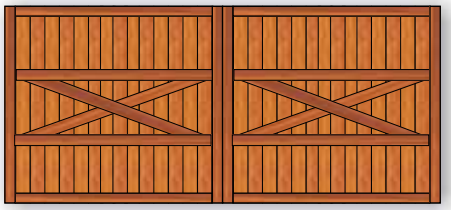

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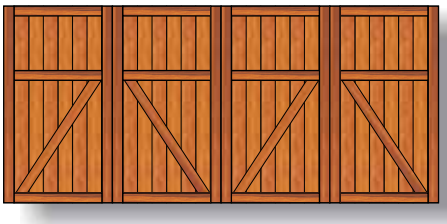

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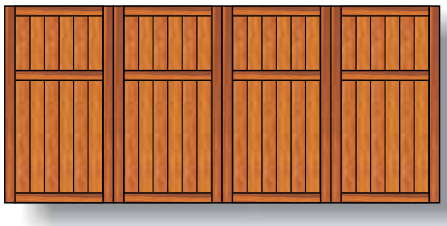

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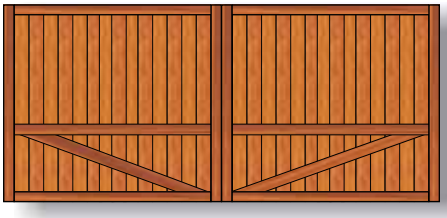

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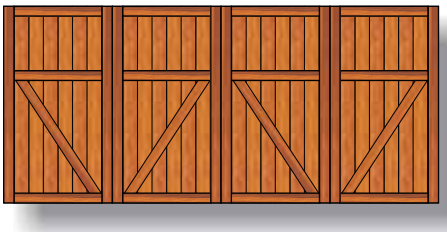

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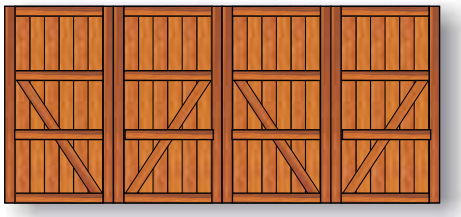

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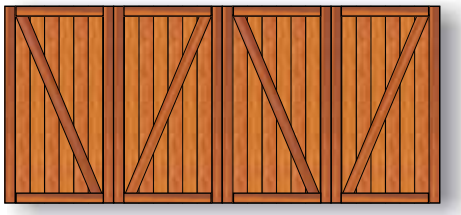

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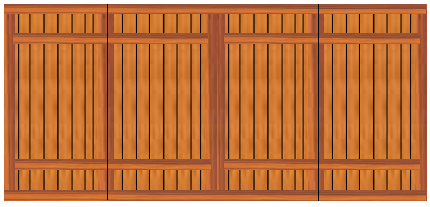

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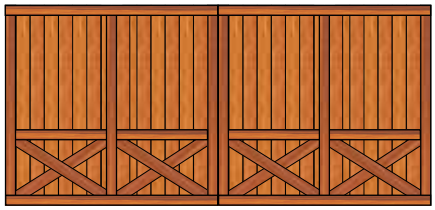

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OTHER EXOTIC WOOD SPECIES AVAILABLE

GREEN EAGLE
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Cedar Door Designs

CEDAR DOORS

 # 201

 # 202

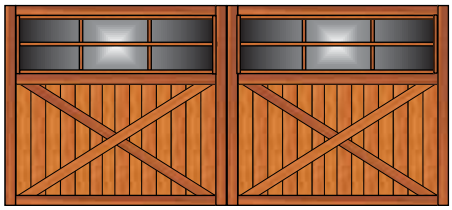
 # 203

 # 204

 # 205

 # 206

 # 207



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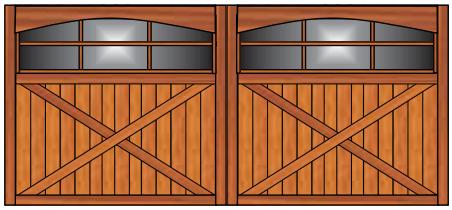

 # 209

 # 210

Decorative Hardware Shown for Illustration Purposes Only. Decorative hardware available for purchase. These doors have an upcharge. Call for pricing on these designs

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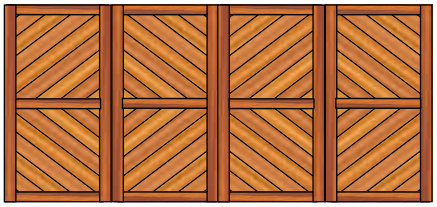
Upgraded Cedar Door Designs

CEDAR DOORS

301



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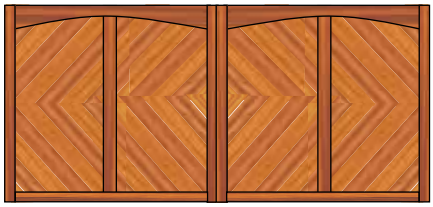

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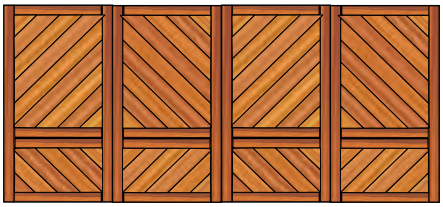

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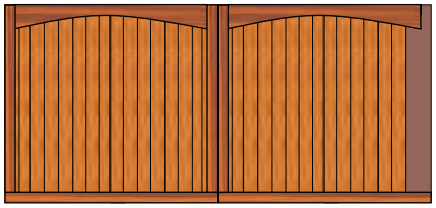

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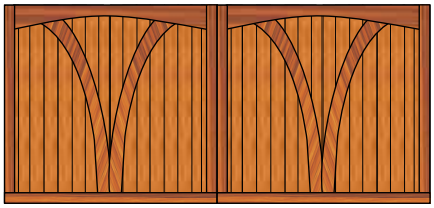

40% Adder for designs 301 to 309

20% Adder for designs 310 to 316

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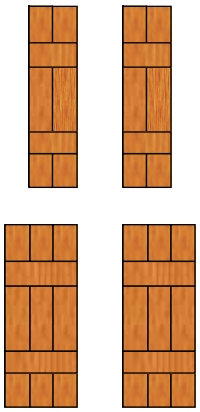
Cedar Shutter Designs

CEDAR DOORS

 # S101



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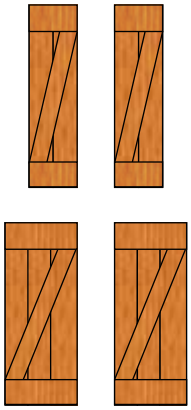

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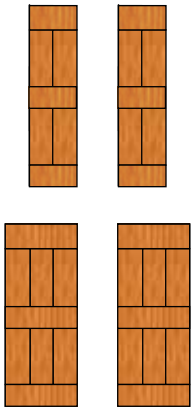

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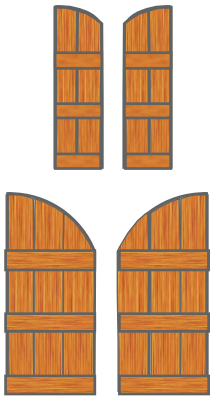

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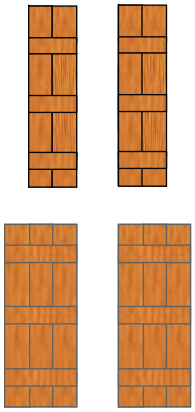

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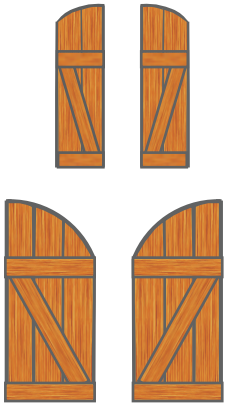

NOMINAL SIZES

11” X 48”

16-1/2” X 59-1/2”

VERTICAL BOARDS

1" x 6"

HORIZONTAL BOARDS

1' x 4'

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Cedar Stain Color Chart

DARK OAK 009

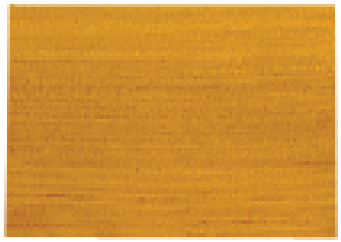
NATURAL OAK 005

NATURAL LIGHT 996

BUTTERNUT 072

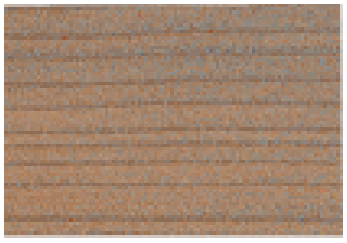
TEAK 085

NATURAL 078



CEDAR 077

CAPE COD GREY 113



REDWOOD 089

MAHOGANY 045

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CEDAR DOORS

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Decorative Hardware

CEDAR DOORS

16" Hinge Strap #72016

10" Pull Handle #72110

10" Lis Pull Handle #70205

22" Barcelona Hinge Strap #72040

16" Fleur Hinge Strap #70024

7" Lionhead Door Knocker #70050

8" Fleur de Lis Door Knocker #70260

6" LIS Ring Pull #72615

10" LIS Latch with Twist Ring #70431

Cane Bolt #72152

GREEN EAGLE
GARAGE DOOR COMPANY

At Green Eagle Garage Door Company, we use only 100% Kiln Dried Tight Knot Western Red Cedar and C & Better Select Douglas Fir to construct our custom cedar doors. Here is some helpful information on Western Red Cedar and Douglas Fir, its uses and benefits.

Western red cedar (Thuja plicata) is renowned for its rich colors and distinctive smell. Qualities such as ease of splitting for roofing, walls and fence rails; naturally occurring compounds making the wood resistant to moisture, decay-causing fungi and insects; lightweight; superior insulation and acoustical characteristics; low shrinkage and dimensional stability; free of pitch and resin; readily machinable and able to accept virtually any paint or stain. The wood has been the species of choice for window frames, doors, saunas, patio decking, outdoor furniture, exterior cladding, feature walls, garage doors, guitar decks and so on. For interior or exterior applications, western red cedar is truly a remarkable wood. Historically, western red cedar first came into popular usage by the Coastal Aboriginal peoples in the Pacific Northwest of North America where it is a native species. Various parts of the tree including roots, bark and wood was used in rope-making, clothing, baskets, totem poles, canoes, long houses, ceremonial masks and roofing. When the European settlers arrived they soon realized the value of this unique wood. It is not surprising that this amazing tree species is called arbour-vitae, Latin for "tree of life".

Dimensional Stability - Cedar offers low density and shrinkage factors, and exceptional thermal insulation value.

Workability - Cedar is easy to cut, form, glue and finish.

Natural Preservative - Cedar contains natural preservatives that resist moisture, decay and insect damage.

Flame Spread and Smoke Development Ratings – Cedar exceeds safety classifications and does not require preservative treatments.

All-Weather - Cedar is naturally at home in the sun, rain, heat and cold all year round.

Dimensional Stability

Western Red Cedar has twice the stability of most commonly available softwoods. The stability is a result of its low density and shrinkage factors. It lies flat, stays straight, and holds fastenings tightly.

Workability

Western Red Cedar produces long, lightweight lengths of timber with a fine, straight grain and uniform texture that make it easy to cut, saw and nail with common tools. These features also contribute to its ability to be planed to a smooth surface or machined to any pattern. The lack of pitch and resin allows Western Red Cedar to hold glue bonds from a wide range of adhesives and provide a firm base for many types of paints and stains.

Natural Preservative

Western Red Cedar is one of the world's most durable woods. Natural resistance to moisture, decay and insect damage has long made Western Red Cedar the premier choice for either interior or exterior home use. Cedar fibers in the heartwood contain natural preservatives that are toxic to decay-causing fungi. The two principal extractives that are responsible for the decay resistance are Thujaplicans and water-soluble phenolics. The tree's ability to produce these extractives increases with age, making the outer regions of heartwood the most durable.

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Flame Spread and Smoke Development Ratings
Western Red Cedar has flame spread and smoke development classifications that are superior to the minimums set by most building codes, which permit the use of cedar heartwood without preservative treatments.

All-Weather
Western Red Cedar is one of the few wood species that are naturally at home in the outdoors. Properly finished, Western Red Cedar will last for decades, even in harsh environments. Its natural resistance to moisture, decay and insect damage make it the ideal choice for a surface that is exposed to sun, rain, heat and cold all year round.
Architectural design - Cedar compliments any architectural design - from turn-of-the-century to contemporary.

Colours - Unfinished cedar has richly textured grain with colours ranging from mellow ambers, reddish cinnamons and rich sienna browns. Its warm coloring is complimented by a uniform, fine-grained texture with a satin luster.

Easy finishing - Because cedar is virtually pitch and resin free, the wood easily accepts a range of finishes, from fine oils and stains, to solid coatings and paint.

Usages - Enhance the beauty and elegance of your home or commerical property with cedar siding, decking, moulding, windows, doors, posts, beams, paneling, outdoor projects, interiors and saunas.

Aroma - Cedar's unique aroma comes from naturally occurring thujaplicins in its heartwood. These compounds resist moisture and are toxic to decay-causing fungi and insects and preserve the wood to give it long lasting appeal.

ENERGY EFFICIENCY

Sustainability of Building Materials

	Wood	Steel	Concrete
Total Energy Use	Lowest	140% more	70% more
Greenhouse Gases	Lowest	45% more	81% more
Air Pollution	Lowest	42% more	67% more
Water Pollution	Lowest	1900% more	90% more
Solid Waste	Lowest	36% more	96% more
Ecological Resource Use	Lowest	16% more	97% more

Source: The Athena Sustainable Materials Incentive

Wood surpasses steel and concrete in energy efficiency through its qualities of:

- Thermal performance.
- Heat conductivity.
- Building codes.
- Insulation.

Thermal Performance - The heating and cooling of homes accounts for 50% of all utility costs (gas, oil, hydro-electric) and about 15% of all energy used in North America. With rising energy costs and rolling

blackouts across the country, energy efficiency is a critical factor in buying or building a new home. The energy demand difference between a poorly constructed and a well constructed, well insulated home can amount to several thousand dollars a year.

Wood's Heat Conductivity - Wood is 400-times less heat conductive than steel and 8.5 times less conductive than concrete, so homes built with wood framing take less energy to heat and cool.

Steel's Heat Conductivity - Like the fins on a radiator, sheet metal studs transfer large amounts of heat to the outside air during winter. They also transfer cold inside during summer. The movement of cold into a house through the framing is called thermal bridging . Thermal bridging increases energy consumption. To prevent this, steel framing requires extra insulation on the outside sheathing which can add significantly to building costs. The heat loss through steel framing can also result in lower temperatures where the steel contacts interior walls resulting in ghosting (paint discoloration).

Building Codes - Wood construction can meet the energy codes of all climates. In extreme climates like Alaska and the Canadian Arctic, the adoption of double wood-frame wall systems keeps homeowners warm when temperatures drop in winter to -40ºF. New energy code requirements in several European countries have prompted a switch from traditional masonry construction to wood.

Insulation - Wood is energy efficient not only because it's a good insulator, but its versatility makes it easy to adjust the width of a wall to accommodate extra insulation where necessary. Additionally, oriented strand board (OSB) or plywood wall sheathing, typically used under a home's exterior finish, offers additional insulation and provides rigidity and security to a home. The insulated cavities in wood-frame construction, in combination with the superior insulating capability of wood framing means that wood can meet the most demanding energy codes with less cost.

Douglas Fir

Douglas Fir was discovered and classified by botanist David Douglas in 1826. Botanically, it is not a true fir but a species distinct in itself known as *Pseudotsuga taxifolia*. In the Western Woods Region, Douglas Fir trees are found at elevations of 1500 feet and higher, they grow to maximum diameters of more than seven feet and heights of 200 feet.

Douglas Fir is straight grained and moderately heavy. Although classed as a resinous wood, the amount of resin is limited. The sapwood ring is almost pure white and very narrow. Heartwood is orange-red and the color contrast between springwood and summerwood is quite distinct. The wood weighs 31 pounds per cubic foot and specific gravity is 0.44 at 12 percent moisture content. Pound for pound, Douglas Fir is one of the strongest of the softwoods. Its load bearing capacity equals many mild steels and, of course, it is considerably lighter in weight.

Its strength makes it the nation's first-line wood for structural purposes. With a moisture content compatible with surrounding conditions, Douglas Fir will stay in place well and undergo a minimum of shrinkage and swelling. Douglas Fir has an exceptionally long use life even under conditions favoring decay; heartwood is rated in the upper bracket by the Forest Products Laboratory for durability under decay-fostering conditions. In glueability, it is rated in Group 2, next to the top.

At Green Eagle Garage Door Company, We also use the highest grade hardware to construct our Cedar Doors. Some of these features include:

- 18 Gauge Strut Bars
- 14 Gauge Heavy duty Hinges
- Torsion Springs
- Airplane Gauge Steel Stranded Cable
- 100% Kiln Dried Wood Used. No Green Wood

We offer a wide range of design styles. If you do not see a style you like or just want to create your own design. Green Eagle Garage Door Company is here to help. We can assist you in all phases of selecting your Cedar Garage Door.

- Custom Designs
- Branding*
- Staining and Sealing*, **

* Extra cost associated, ** See cedar door warranty