

REAL CEDAR OUTDOOR CHAIR

DESIGN: REAL CEDAR ORIGINAL

STYLISH OUTDOOR SEAT WITH REMOVABLE BACKREST FOR EASY STORAGE

These stylish contemporary chairs will enhance any outdoor living space. Low to the ground with extra sturdy legs, they work great on almost any kind of surface - be it a bumpy backyard or a smooth deck. So they're perfect for sitting around a fire pit or just decompressing as you watch the sun go down. Bonus: this design includes a removable backrest so they're easy to store and transport from home to the cabin and back again!

The design also calls for beautiful Real Cedar. So, whether you bring it indoors or outdoors, this chair is going to last you a long time. That's because Western Red Cedar is naturally resistant to rot, decay and insects, making it ideal for all your outdoor projects. Plus, it's easy to work with. It's durable, but lightweight. It's also undeniably beautiful and the tools love it.

CHALLENGING

This project is for DIYers looking for a challenge and requires a table saw. For an easier build, we recommend our Adirondack chairs.

NOTE: Read through the directions carefully to understand that trimming and adjustments must be made during the process.

Part	Description	Finished Size			Nominal Size	Material	Quantity
		T	W	L			
DECK							
A	Leg	1 1/2"	3 1/2"	28 1/2"	2x4	WRC	2
B	Leg	1 1/2"	3 1/2"	12	2x4	WRC	2
C	Leg	1 1/2"	3 1/2"	28 7/8"	2x4	WRC	2
D	Leg	1 1/2"	3 1/2"	7"	2x4	WRC	2
E	Seat frame	1 1/2"	2 3/4"	24 1/2"	2x4	WRC	1
F	Seat frame	1 1/2"	2 3/4"	24 1/2"	2x4	WRC	1
G	Seat frame	1 1/2"	2 3/4"	20 1/4"	2x4	WRC	2
H	Seat Top	3/4"	5 1/2"	24 1/2"	1x6	WRC	3
I	Seat Top	3/4"	5"	24 1/2"	1x6	WRC	1
J	Seat front	1 1/2"	3 1/2"	24 1/2"	2x4	WRC	1
K	Back frame	1 1/2"	3 1/2"	24 1/4"	2x4	WRC	4
L	Back cladding	3/4"	2 1/2"	24 1/4"	1x3	WRC	7
M	Back support	1 1/2"	2 3/4"	7 3/4"	2x4	WRC	2

SHOPPING LIST

	Description	Nominal Size x Length	Material	Quantity
Wood	WRD Dimensional Lumber	2"x4" x 8'	WRC	5
Wood	WRD Dimensional Lumber	1"x6" x 8'	WRC	2
Wood	WRD Dimensional Lumber	1"x4" x 8'	WRC	3
Hardware	Regular head decking screws	3"	Stainless steel	32
Hardware	Nails	1 3/4"	Stainless steel	50
Hardware	Star drive round washer head structural screws	2 1/2"	Galvanized	12

NOTE: Choose fasteners that are stainless steel or hot-dipped galvanized conforming to ASTM 153A. Screws should be coated and rated for outdoor applications including contact with treated wood. Coated deck screws come in a variety of colors. Install all fasteners flush, do not counter sink.

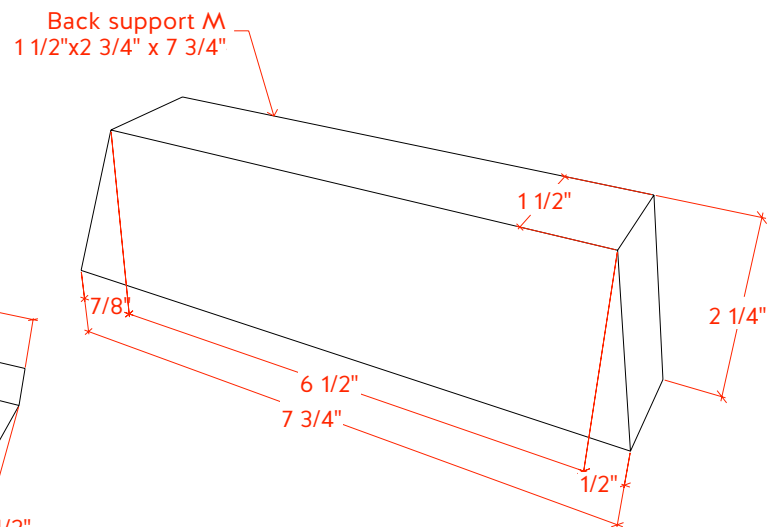
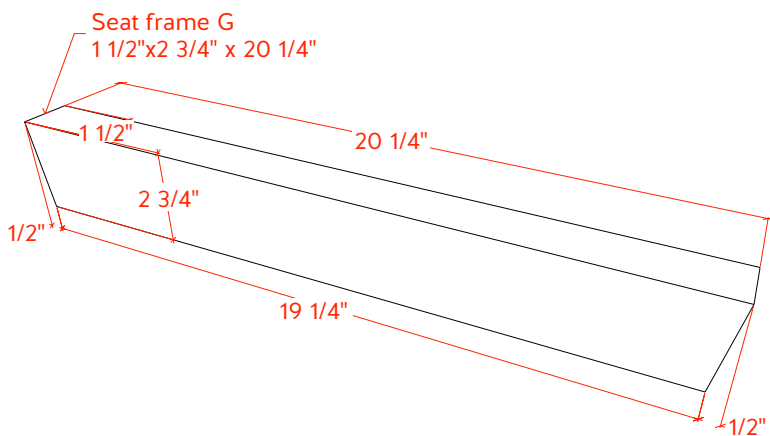
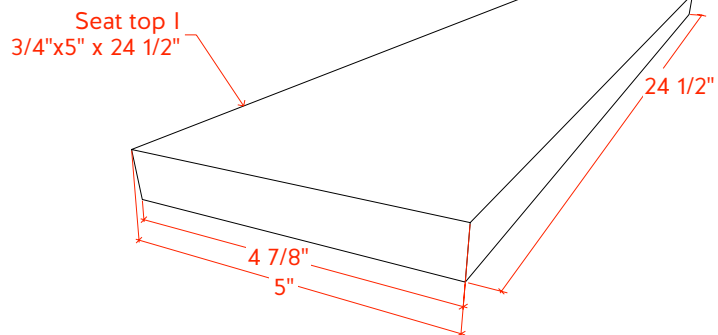
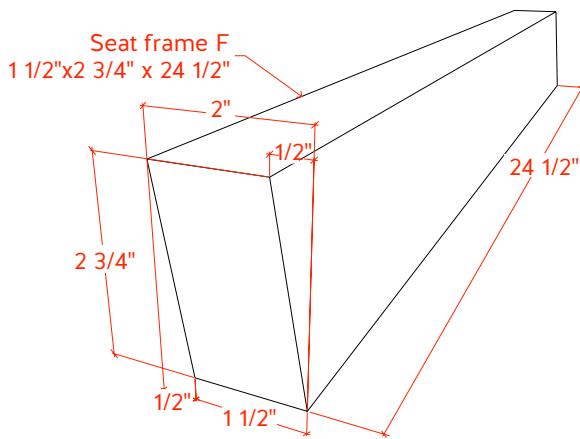
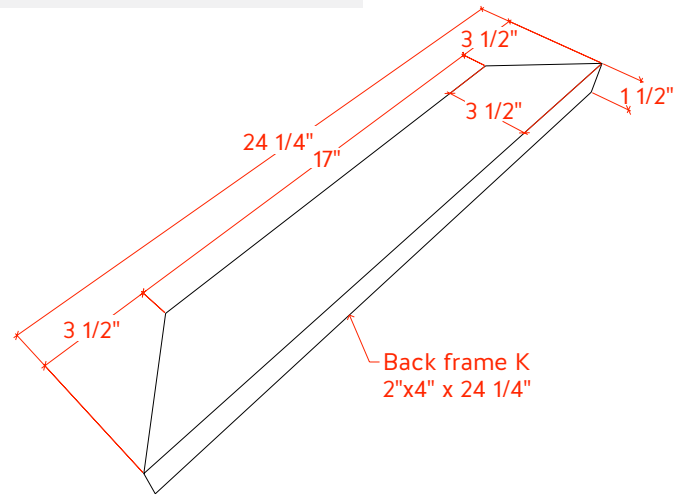
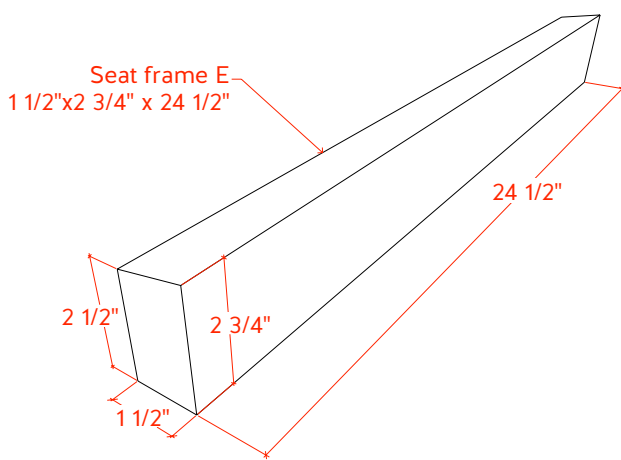
INSTALLATION PRO TIPS

1. For all outdoor work, you should use corrosion-resistant stainless steel or hot-dipped galvanized nails. Other fasteners and hardware such as bolts, screws and hinges should also be made from similar corrosion resistant materials.
2. You can let the cedar weather naturally (eventually turning a beautiful silvery patina), or you can choose to finish the structure—in which case, apply the finish to all six sides of the components before assembly.

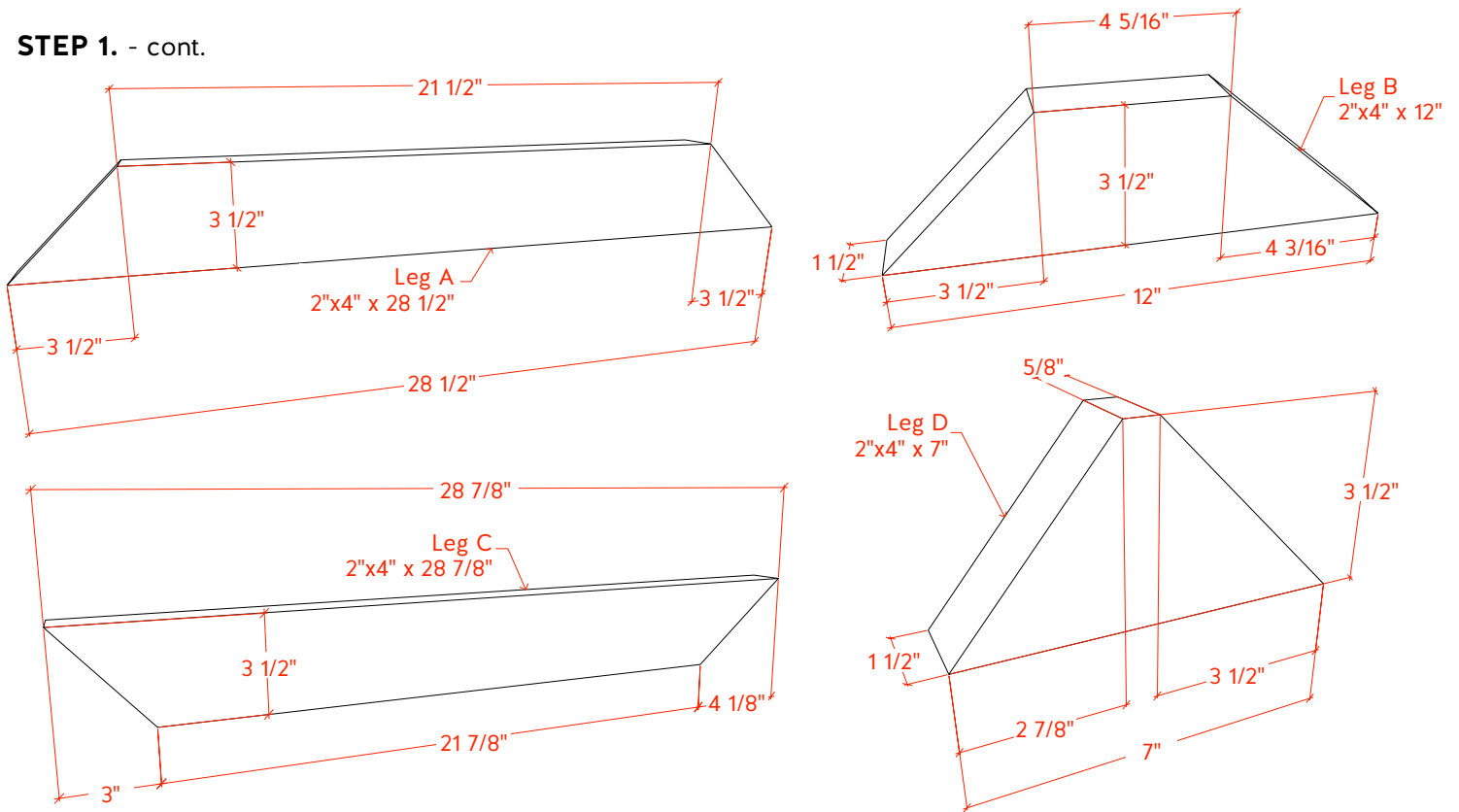
STEP 1.
CUT COMPONENTS

Inspect, measure and all of the components to specifications in the material list.

EXCEPTION: Do not cut the (C) Legs to length quite yet, they will be scribed for an exact fit, and leave one (H) seat top uncut. Simply set them aside for now.

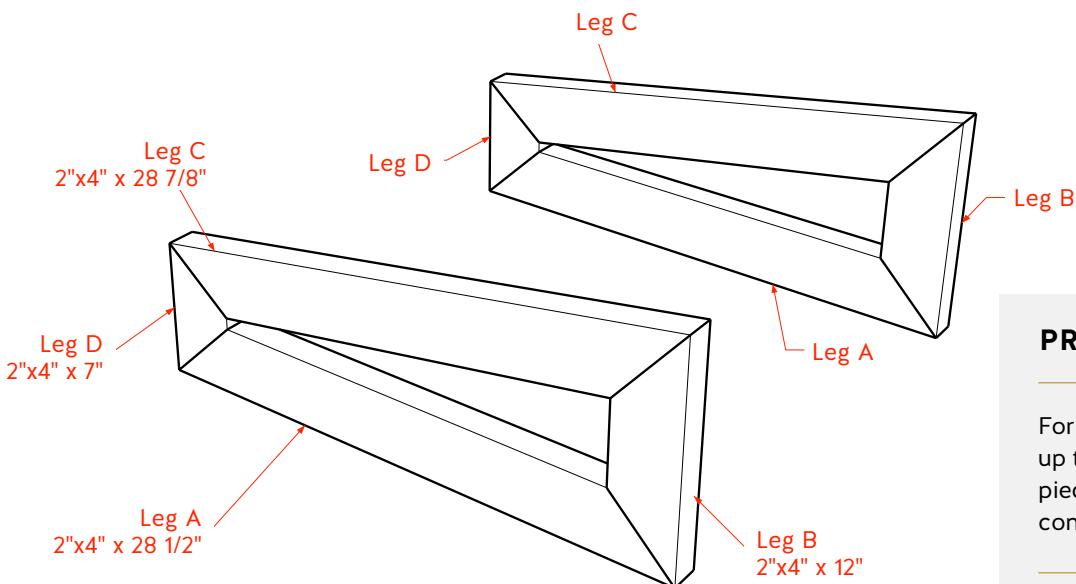


STEP 1. - cont.



STEP 2. ASSEMBLE LEGS

Using glue and biscuits, attach a (B) & (D) Leg to either end of an (A) Leg. Then screw in place with 3" screws and lie the component flat on your work surface. Take your (C) Leg and lie it on top and pencil where you should cut it to length for the most precise fit possible. This will ensure sturdy legs. Once (C) is set in place with a biscuit joiner, clamp the component with clamp, screw in (C) and set Leg aside to dry. Repeat these steps for the 2nd Leg.

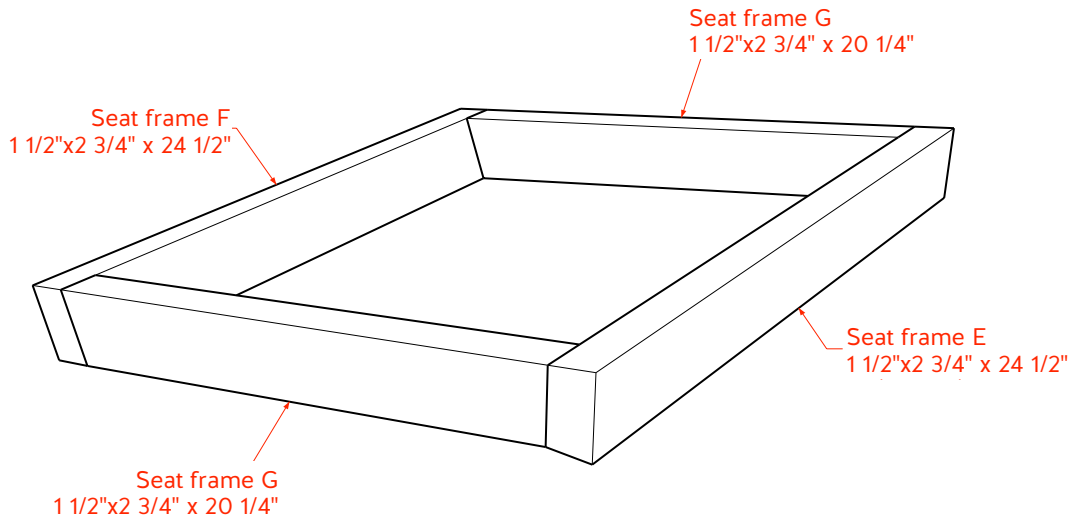


PRO TIP

For a sleek professional look, line up the grain pattern on all four pieces before assembly, so they connect all the way around the leg.

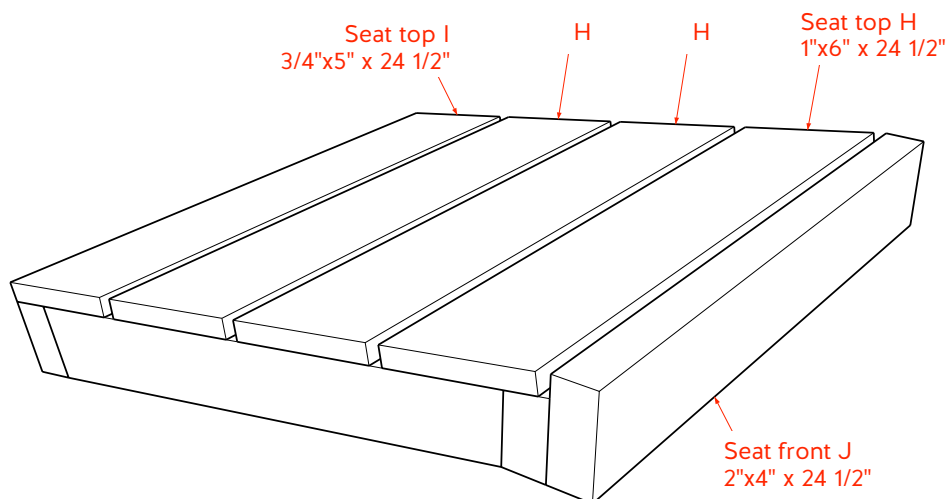
STEP 3. BUILD SEAT FRAME

Using glue and screws, attach (G) frame to either end of the (F). And then finish the square by attaching the (E) frame on top, using the same method. Make sure it's square by measuring on the diagonal before proceeding to next step.



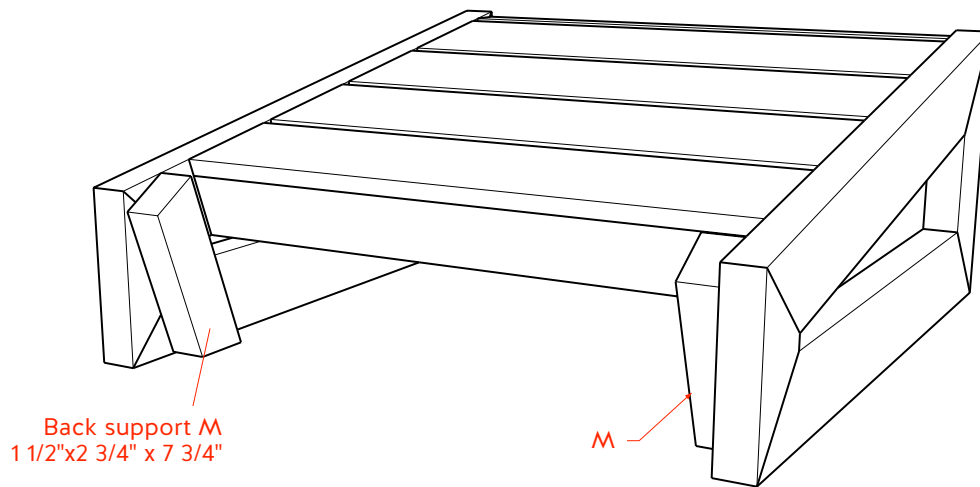
STEP 4. CLAD SEAT

Screw in (I) seat top so that it's flush with the (G) frame and then using a $\frac{1}{2}''$ spacer, lay out 2 (H) seat tops so that they're evenly spaced before screwing into place. For the last (H) piece, scribe it with pencil and put a 10 degree cut before installing so that it aligns perfectly with the front edge of the frame. Finish the component, by installing (J) front trim piece to the (F) frame.



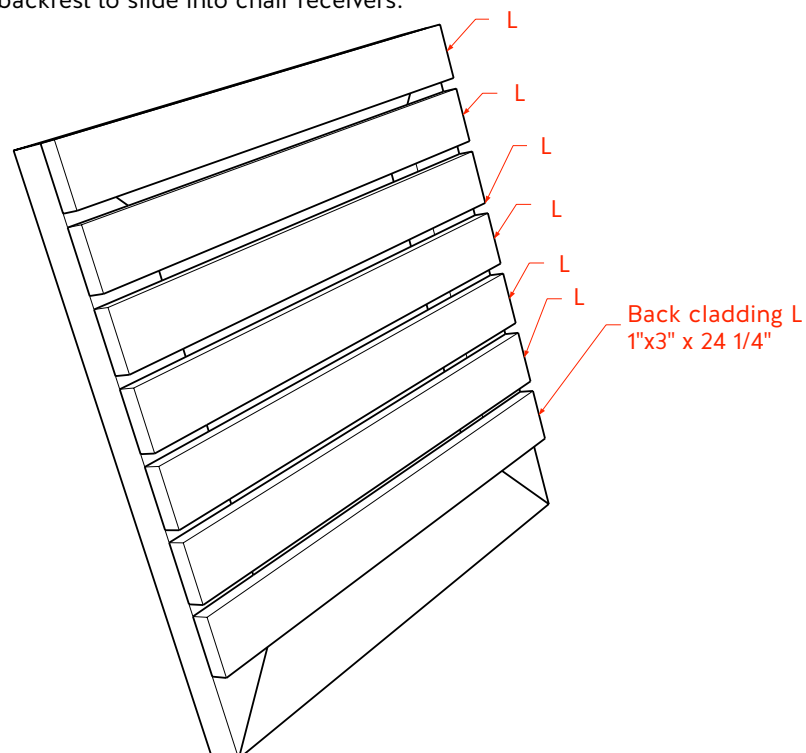
STEP 5. ASSEMBLE SEAT AND LEGS

Lay one leg flat on your work surface, set the seat upright and screw (C) leg frame to (G) frame. Flip it over and repeat for the other leg. Then place a spacer block thick enough to represent the actual back and line it up with the (D) leg, then take a thin spacer between the spacer block and (M) back support. Make sure it's sitting about an $\frac{1}{8}$ " up from the bottom part of (A) runner leg. Then pre-drill two holes and screw it in with shear screws. Remove both spacers and repeat on the other side.



STEP 6. BUILD BACKREST

Using a biscuit joiner, attach all 4 (K) back frames together, screw it in place and cross measure to make sure it's square. Then working from the top of the backrest, layout 7 (L) slats along the backrest so that they're evenly spaced and the last (K) frame unclad to leave for the backrest to slide into chair receivers.





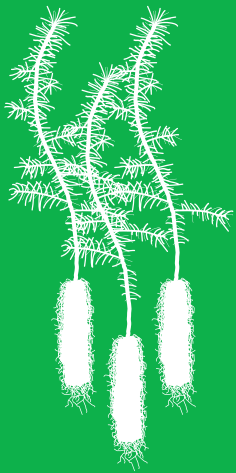


Cedars remove carbon from the atmosphere

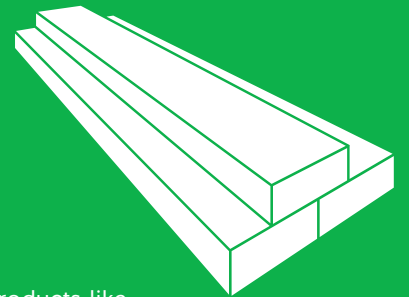
REAL CEDAR

THE MOST SUSTAINABLE CHOICE

Wood is the only major building material that is renewable—a reason why Canada's forest base is still abundant after 150 years of harvesting. For every Western Red Cedar that's harvested, at least 3 are planted. Lumber producers have been replacing harvested trees so diligently over the last few decades that North American forests have actually grown by 20% since 1970.



For every cedar harvested, at least 3 are replanted, continuing the cycle and reducing greenhouse gases



Products like Real Cedar decking and siding store it before it can be released