

The Cardinal - List of materials needed to construct a weather tight home.

PLEASE NOTE:

1. While every attempt has been made in the preparation of this materials list to avoid mistakes, B&H Cedar Log Homes, L.L.C. cannot guarantee against human error. The customer must check, or have a local building materials supplier check, all items & quantities and be wholly responsible for same.
2. The TOTAL cost of constructing the model to the weather tight stage will be the building permit cost, plus the cost of clearing the lot, plus the cost of any driveway construction, plus the cost of basement excavation (if needed), plus the cost of footers, plus the cost of the foundation, plus the kit cost, plus the cost of weather tight materials, plus the cost of labor (typically \$11 - \$14 per square foot) to erect the weather tight shell.
3. Weather tight construction begins with the foundation in place and ends with the black paper on the roof and the windows and exterior doors installed.
4. Questions or comments? Call 540-752-4106 or email info@cedar-log-homes.com.

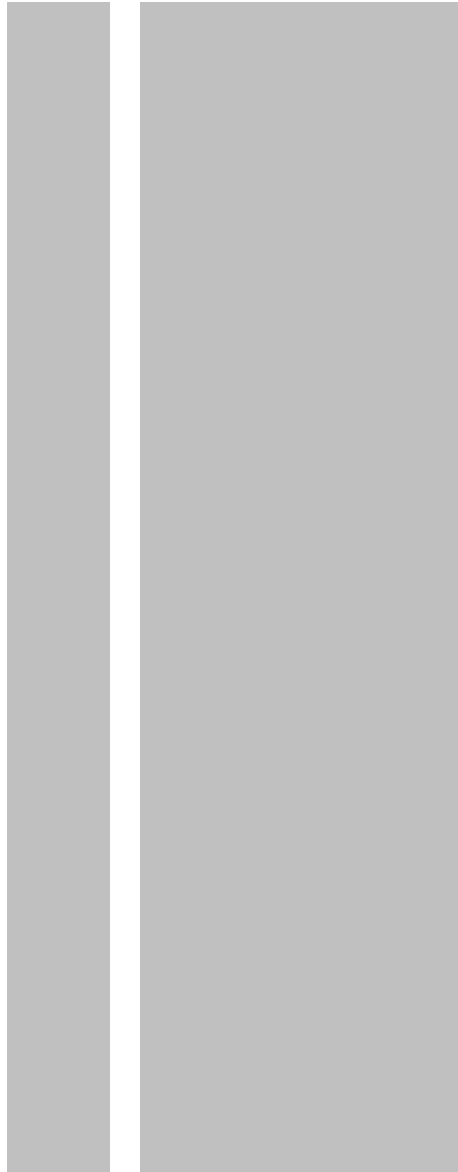
INSTRUCTIONS: Price the materials (Indicated by "Y") at your local suppliers & enter the prices in the **COST** column. This spread sheet will then calculate the total cost of materials needed to build the weather tight home.

BILL OF MATERIALS

<<< Shaded areas indicate data entry by customer.

DESCRIPTION	UNITS	PRICE?	COST	SUPPLIER - Only if you wish to keep this information.
1/2" 3-ply CDX Plywood	ea	Y		
1/2" 4-ply CDX Plywood	ea	Y		
1/2" BC Plywood	ea	Y		
1x6 T&G	lf	Y		
2x10x10' PT	ea	Y		
2x10x12' PT	ea	#N/A		
2x10x10' SPF	ea	Y		
2x10x12' SPF	ea	Y		
2x10x14' SPF	ea	Y		
2x10x14' PT	ea	Y		
2x10x16' SPF	ea	#N/A		
2x10x16' PT	ea	#N/A		
2x10x18' SPF	ea	#N/A		
2x10x8' SPF	ea	Y		
2x12x8' SPF	ea	Y		
2x12x10' SPF	ea	Y		
2x12x12' PT	ea	#N/A		
2x12x12' SPF	ea	Y		
2x12x14' SPF	ea	Y		
2x12x16' SPF	ea	Y		
2x12x18' SPF	ea	Y		
2x12x20' SPF	ea	Y		
2x4 Studs SPF	ea	#N/A		
2x4x10' SPF	ea	Y		
2x4x12' SPF	ea	Y		
2x4x8' SPF	ea	Y		
2x8x10' PT	ea	Y		
2x8x12' PT	ea	Y		
2x8x12' SPF	ea	#N/A		
2x8x18' PT	ea	#N/A		
2x8x14' PT	ea	Y		

2x8x16' PT		ea	Y
2x8x16' SPF		ea	#N/A
2x8x8' PT		ea	Y
2x8x8' SPF		ea	#N/A
2x6x8' SPF		ea	Y
2x6x10' SPF		ea	Y
2x6x12' SPF		ea	Y
3/4" OSB T&G subfloor		ea	Y
5/4x6x12' PT		ea	Y
5/4x6x10' PT		ea	#N/A
5/4x6x8' PT		ea	#N/A
6x6x8' PT		ea	#N/A
6x12x8' GlueLam Beam		ea	#N/A
6x12x15' GlueLam Beam		ea	#N/A
Black paper, 15#		4 squares/roll	Y
Door #1	Front, 3-0x6-8 recommended	ea	Y
Door #2	Dining Room, side	ea	Y
DOOR #3	Dining Room, rear		
Engineered beam	Design by supplier	ea	Y
Glue, construction		12, 1 qt tubes	Y
Insulation, 9", R30, 24"oc		80 sf/bundle	Y
Insulation, 6", R11, 16"oc		88 sf/bundle	Y
Joists Hangers, 2x8		ea	Y
Nails, 12d coated		50#	Y
Nails, 8d coated		50#	Y
Nails, button caps		2000	Y
Ridge vent, aluminum		10'	Y
Ridge vent connectors		ea	Y
Ridge vent end caps		ea	Y
Screws, PT Deck		5# Box	Y
Subfloor bridging		ea	Y
Termite shield		50 Linear feet	Y
Window #1	Front of the house, bedroom	ea	Y
Window #2	Great Room & Dining Room	ea	Y
Window #3	Kitchen	ea	Y
Window #4	Bath Rooms	ea	Y
Window #5	Bedrooms, egress	ea	Y
Window #6	Bird house dormers	ea	Y
Window #7	Rear dormer	ea	Y



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Wiring, Indoor, 12-2 with ground

50'

Y



DELIVERY PACKAGES & COMPONENTS

SUBFLOOR PACKAGE

DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	HOW/WHERE USED
Termite shield	3	50 Linear feet	0.00	0.00	Between foundation and PT plate
2x12x14' SPF	9	ea	0.00	0.00	Triple 2x12 beam under subfloor
2x8x14' PT	6	ea	0.00	0.00	Plate between foundation & floor joists
2x8x10' PT	6	ea	0.00	0.00	Plate between foundation & floor joists
2x10x14' PT	12	ea	0.00	0.00	Double band around subfloor
2x10x10' PT	12	ea	0.00	0.00	Double band around subfloor
2x10x14' SPF	64	ea	0.00	0.00	Floor joists, 16" oc
Subfloor bridging	264	ea	0.00	0.00	Between floor joists
Glue, construction	3	12, 1 qt tubes	0.00	0.00	T&G to floor joists
3/4" OSB T&G subfloor	42	ea	0.00	0.00	Subfloor
Nails, 12d coated	3	50#	0.00	0.00	Floor joists
Nails, 8d coated	2	50#	0.00	0.00	T&G to floor joists
2x4x10' SPF	50	ea	0.00	0.00	Braces for log wall uprights, to be reused later
PACKAGE SUBTOTAL					0.00

PORCH DECK PACKAGE - Steps not included

DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	HOW/WHERE USED
2x8x8' PT	53	ea	0.00	0.00	Deck joists, 16" oc
2x8x16' PT	7	ea	0.00	0.00	Double carrier beam across front
2x8x14' PT	2	ea	0.00	0.00	Double carrier beam across front
2x8x10' PT	2	ea	0.00	0.00	Double carrier beam across front
2x8x8' PT	2	ea	0.00	0.00	Double carrier beam across front
2x8x12' PT	3	ea	0.00	0.00	Triple carrier beam at porch corner
Joists Hangers, 2x8	100	ea	0.00	0.00	Attach rafters to house band
5/4x6x12' PT	117	ea	0.00	0.00	Porch decking, 2 extra
Screws, PT Deck	3	5# Box	0.00	0.00	PT decking
PACKAGE SUBTOTAL					0.00

INTERIOR 1st FLOOR STUD WALLS - Interior stairs not included

DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	HOW/WHERE USED
2x4x10' SPF	56	ea	0.00	0.00	Studs, walls running front <-> rear
2x4x8' SPF	37	ea	0.00	0.00	Studs, walls running left <-> right
2x4x12' SPF	10	ea	0.00	0.00	Stud wall plates, door headers
2x10x8' SPF	2	ea	0.00	0.00	Door Headers, Basement & front BR
2x10x10' SPF	2	ea	0.00	0.00	Door headers, rear BR closets
2x10x12' SPF	1	ea	0.00	0.00	Door headers, washer/dryer room
1/2" 3-ply CDX Plywood	1	ea	0.00	0.00	Door header spacer
Engineered beam	1	ea	0.00	0.00	Under balcony, sized by supplier
Wiring, Indoor, 12-2 with ground	1	50'	0.00	0.00	Pre-wire ceiling lights
Nails, 12d coated	2	50#	0.00	0.00	Stud walls
PACKAGE SUBTOTAL					0.00

DECKING, STUDS FOR 2nd FLOOR, HOUSE RAFTERS

DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	HOW/WHERE USED
1x6 T&G	2228	lf	0.00	0.00	2nd floor, under subfloor
1/2" BC Plywood	32	ea	0.00	0.00	Subfloor
Glue, construction	3	12, 1 qt tubes	0.00	0.00	Goes between subfloor & Joists
2x4x10' SPF	20	ea	0.00	0.00	Studs for interior walls
2x4x8' SPF	45	ea	0.00	0.00	Studs for interior walls
2x4x12' SPF	35	ea	0.00	0.00	Studs for interior walls
2x4x12' SPF	25	ea	0.00	0.00	Stud wall plates
2x4x10' SPF	Use 2x4x10' to brace uprights				Stud wall plates
2x6x8' SPF	48	ea	0.00	0.00	Studs for rear dormer
2x6x12' SPF	12	ea	0.00	0.00	Stud wall plates, rear dormer
2x10x8' SPF	6	ea	0.00	0.00	Window headers, rear dormer & gable
1/2" 3-ply CDX Plywood	1	ea	0.00	0.00	Spacer, window headers
2x6x12' SPF	24	ea	0.00	0.00	Studs, gable ends
2x6x10' SPF	20	ea	0.00	0.00	Studs, gable ends
2x6x8' SPF	10	ea	0.00	0.00	Studs, gable ends
2x6x12' SPF	18	ea	0.00	0.00	Stud wall plates, gables
2x6x8' SPF	30	ea	0.00	0.00	Studs & plates, bird house dormers
2x12x16' SPF	21	ea	0.00	0.00	Roof rafters, 24" oc, rear, 3/12 pitch
2x12x18' SPF	18	ea	0.00	0.00	Roof rafters, 24" oc, front, 10/12 pitch
2x12x20' SPF	3	ea	0.00	0.00	Fly rafters
2x12x12' SPF	12	ea	0.00	0.00	Ladder rafters, 6' lengths
2x12x10' SPF	4	ea	0.00	0.00	Roof rafters, ridge to bird house dormers
2x12x8' SPF	20	ea	0.00	0.00	Roof rafters, bird house dormers
1x6 T&G	4815	lf	0.00	0.00	Ceiling, including great room
Nails, 8d coated	2	50#	0.00	0.00	
Nails, 12d coated	3	50#	0.00	0.00	Framing nails
PACKAGE SUBTOTAL					0.00

ROOF & GABLE SHEATHING, ROOF INSULATION ETC.

DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	HOW/WHERE USED
1/2" 4-ply CDX Plywood	67	ea	0.00	0.00	Roof sheathing
1/2" 3-ply CDX Plywood	26	ea	0.00	0.00	Gable & dormer sheathing
Insulation, 9", R30, 24"oc	25	80sf/bundle	0.00	0.00	Fiber glass insulation for roof
Insulation, 6", R11, 16"oc	9	88sf/bundle	0.00	0.00	Fiber glass insulation gables & dormers
Black paper, 15#	8	4sq rolls	0.00	0.00	To cover roof, gables & dormer
Nails, 8d coated	2	50#	0.00	0.00	Sheathing to rafters & gable studs
Nails, button caps	2	2000	0.00	0.00	Black paper to sheathing
Ridge vent, aluminum	7	10' lengths	0.00	0.00	Self explanatory
Ridge vent connectors	4	ea	0.00	0.00	Self explanatory
Ridge vent end caps	6	ea	0.00	0.00	Self explanatory
PACKAGE SUBTOTAL					0.00

PORCH ROOF PACKAGE

DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	HOW/WHERE USED
1/2" 3-ply CDX Plywood	30	ea	0.00	0.00	Roof sheathing
2x4x12' SPF	17	ea	0.00	0.00	Studs & plates, knee wall bet front & rear wall & porch roof
PACKAGE SUBTOTAL					0.00

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WINDOW & EXTERIOR DOOR PACKAGE - Size, style & cost are the customer's choice

DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	HOW/WHERE USED
Window #1	1	ea	0.00	0.00	Front of the house, bedroom
Window #2	2	ea	0.00	0.00	Great Room & Dining Room
Window #3	1	ea	0.00	0.00	Kitchen
Window #4	2	ea	0.00	0.00	Bath Rooms
Window #5	5	ea	0.00	0.00	Bedrooms, egress
Window #6	2	ea	0.00	0.00	Bird house dormers
Window #7	2	ea	0.00	0.00	Rear dormer
Door #1	1	ea	0.00	0.00	Front, 3-0x6-8 recommended
Door #2	1	ea	0.00	0.00	Dining Room, side
Door #3	1	ea	0.00	0.00	Dining Room, rear

PACKAGE SUBTOTAL 0.00

TOTAL COST OF WEATHER TIGHT MATERIALS FOR THE CARDINAL \$0.00