

## **The Winchester - List of materials needed to construct a weather tight home.**

### **PLEASE NOTE:**

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.

### Assumptions:

1. The foundation is completed & the foundation bolts or straps are in place.
2. As indicated by the term "weather tight" the materials listed below will only construct this log home to the weather tight stage and not to a complete home.

Price the following materials at your local suppliers & enter the prices where indicated.

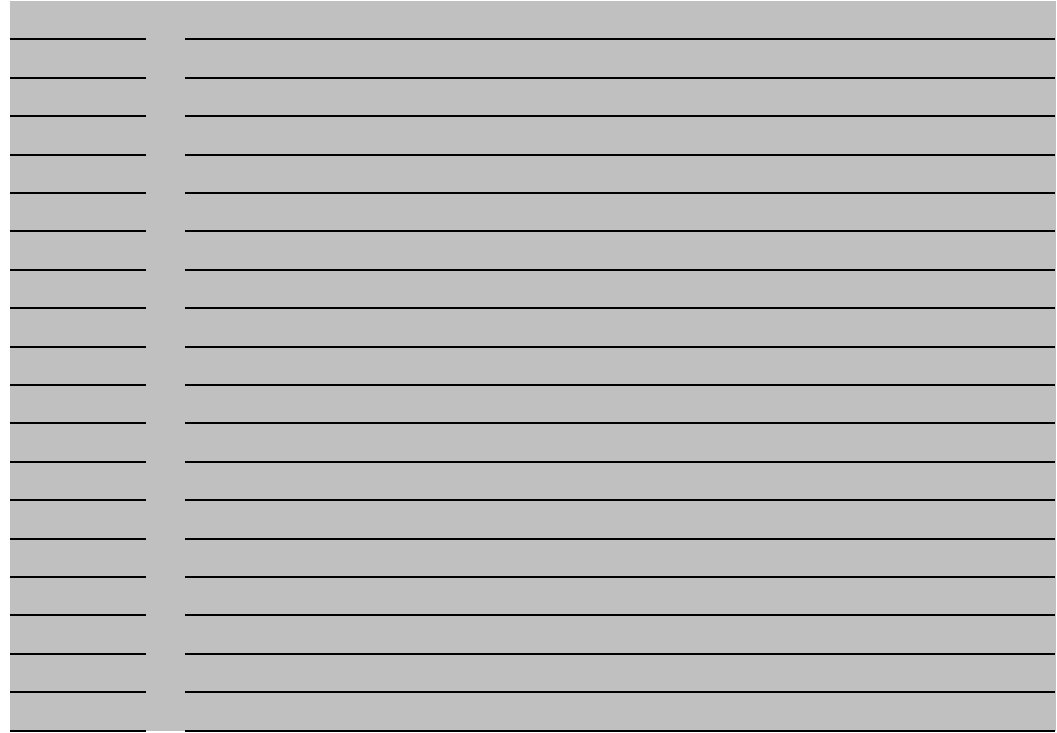
This spread sheet will then calculate the total cost of materials needed to construct the weather tight home.

**BILL OF MATERIALS**

<<< Shaded areas indicate data entry by customer.

DESCRIPTION	UNITS	COST	SUPPLIER - Only if you wish to keep this information.
1/2" 3-ply CDX Plywood	ea		
1/2" 4-ply CDX Plywood	ea		
1/2" BC Plywood	ea		
2x10x10' PT	ea		
2x10x12' PT	ea		
2x10x10' SPF	ea		
2x10x12' SPF	ea		
2x10x16' SPF	ea		
2x10x18' SPF	ea		
2x10x8' SPF	ea		
2x12x10 SPF	ea		
2x12x12' PT	ea		
2x12x12 SPF	ea		
2x4 Studs SPF	ea		
2x4x10' SPF	ea		
2x4x12' SPF	ea		
2x4x8' SPF	ea		
2x8x10' PT	ea		
2x8x12' PT	ea		
2x8x12' SPF	ea		
2x8x16' SPF	ea		
2x8x8' PT	ea		
2x8x8' SPF	ea		
3/4" OSB T&G subfloor	ea		
5/4x6x12' PT	ea		
5/4x6x8' PT	ea		

6x6x8' PT	ea
Black paper, 15#	4 squares/roll
Door, exterior, wood, 2-8x6-8	ea
Door, exterior, wood, 3-0x6-8	ea
Glue, construction	12, 1 qt tubes
Joists Hangers, 2x8	ea
Nails, 12d coated	50#
Nails, 8d coated	50#
Nails, button caps	2000
Ridge vent, aluminum	10'
Ridge vent connectors	ea
Ridge vent end caps	ea
Screws, PT Deck	5# Box
Subfloor bridging	ea
Termite shield	50 Linear feet
Window, 2-0x3-0, wood, DH, 1/1	ea
Window, 2-8x4-6, wood, DH, 1/1	ea
Window, 2-8x4-6, wood, twin, DH, 1/1	ea
Window, 3-0x5-2, wood, DH, 1/1	ea



**DELIVERY PACKAGES & COMPONENTS**

**SUBFLOOR PACKAGE**

DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	HOW/WHERE USED
Termite shield	3	50 Linear feet			Between foundation and PT plate
2x10x8' SPF	4	ea			Triple 2x10 beam under subfloor
2x10x16' SPF	6	ea			Triple 2x10 beam under subfloor
2x8x12' PT	6	ea			Plate between foundation & floor joists
2x8x10' PT	4	ea			Plate between foundation & floor joists
2x10x12' PT	12	ea			Double band around subfloor
2x10x10' PT	8	ea			Double band around subfloor
2x10x12' SPF	47	ea			Floor joists, 16" oc
Subfloor bridging	100	ea			Between floor joists
Glue, construction	1	12, 1 qt tubes			T&G to floor joists
3/4" OSB T&G subfloor	24	ea			Subfloor
Nails, 12d coated	1	50#			Floor joists
Nails, 8d coated	1	50#			T&G to floor joists
2x4x10' SPF	40	ea			Braces for log wall uprights, to be reused elsewhere
PACKAGE SUBTOTAL					

**PORCH DECK PACKAGE - Steps not included**

DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	HOW/WHERE USED
2x8x8' PT	21	ea			Deck joists, 16" oc, 2 extra
2x8x12' PT	2	ea			Deck band
5/4x6x12' PT	40	ea			Porch decking, 2 extra
Screws, PT Deck	3	5# Box			PT decking to porch joists
PACKAGE SUBTOTAL					

**INTERIOR 1st FLOOR STUD WALLS & CEILING JOISTS PACKAGE - Interior stairs not included**

DESCRIPTION	COUNT	UNITS			HOW/WHERE USED
2x4 Studs SPF	80	ea			Interior 1st floor studs
2x4x8' SPF	18	ea			Stud wall plates
2x4x10' SPF	6	ea			Stud wall plates
2x8x8' SPF	6	ea			Interior door headers
1/2" BC Plywood	1	ea			Door header spacer
Subfloor bridging	70	ea			Between ceiling joists
2x10x12' SPF	33	ea			Ceiling joists, 16" OC
2x10x16' SPF	4	ea			Triple 2x8 carrier beam in ceiling thru center of the house
2x10x8' SPF	4	ea			Triple 2x8 carrier beam in ceiling thru center of the house
2x10x8' SPF	8	ea			Rafter butt boards
Nails, 12d coated	1	50#			Stud walls
PACKAGE SUBTOTAL					

**DECKING, STUDS FOR 2nd FLOOR, PLUS ROOF RAFTERS**

DESCRIPTION	COUNT	UNITS			HOW/WHERE USED
3/4" OSB T&G subfloor	19	ea			2nd floor sub floor
Glue, construction	1	12, 1 qt tubes			Goes between subfloor & Joists
2x4x10' SPF	16	ea			Studs for interior walls & gable ends
2x4x8' SPF	23	ea			Studs for interior walls & gable ends
2x4x12' SPF	9	ea			Studs for interior walls & gable ends
2x4x12' SPF	6	ea			Stud wall plates
2x4x10' SPF	Use 2x4's that braced log wall uprights				Stud wall plates
2x4x10' SPF	Use 2x4's that braced log wall uprights				Plates (doubled) to catch rafters at subfloor.
2x8x8' SPF	3	ea			Headers for interior door & gable window openings
2x10x18' SPF	78	ea			Roof rafters, 24" oc, 12/12 pitch
2x12x12 SPF	2	ea			Roof ridge
2x12x10 SPF	2	ea			Roof ridge
2x8x8' SPF	6	ea			3 Collar ties above great room
2x8x8' SPF	2	ea			1 Collar tie above porch
2x10x10' SPF	6	ea			2 carrier beams, triple 2x10, to catch porch roof rafters
2x8x16' SPF	3	ea			Double 2x8 porch tie beam, porch front
Nails, 12d coated	1	50#			Framing nails
PACKAGE SUBTOTAL					

**ROOF & GABLE SHEATHING, ETC.**

DESCRIPTION	COUNT	UNITS			HOW/WHERE USED
1/2" 4-ply CDX Plywood	47	ea			Roof sheathing
1/2" 3-ply CDX Plywood	11	ea			Gable sheathing
Black paper, 15#	5	4sq rools			To cover roof & gables
Nails, 8d coated	1	50#			Sheathing to rafters & gable studs
Nails, button caps	1	2000			Black paper to sheathing
Ridge vent, aluminum	5	10' lengths			Self explanarory
Ridge vent connectors	4	ea			Self explanarory
Ridge vent end caps	2	ea			Self explanarory
PACKAGE SUBTOTAL					

**WINDOW & EXTERIOR DOOR PACKAGE.**

DESCRIPTION	COUNT	UNITS			HOW/WHERE USED
Window, 3-0x5-2, wood, DH, 1/1	5	ea			Bedrooms, egress size
Window, 2-8x4-6, wood, DH, 1/1	2	ea			Living room front wall
Window, 2-8x4-6, wood, twin, DH, 1/1	1	ea			Living room side wall
Window, 2-0x3-0, wood, DH, 1/1	1	ea			Kitchen
Door, exterior, wood, 3-0x6-8	1	ea			Front door
Door, exterior, wood, 2-8x6-8	1	ea			Side door
PACKAGE SUBTOTAL					

**TOTAL COST OF WEATHER TIGHT MATERIALS FOR THE WINCHESTER**