



10x16 Smithaven

Floor- Hemlock

2-6x6x16' Skids
2-2x6x16' Rim Joists
9-2x6x10' Joists
2-2x6x12' Blocking
1-2x6x8' Blocking

Walls-Hemlock

1-4x4x16'
2-4x4x14'
4-4x4x10'
1-4x4x8'
1-2x4x16'
1-2x4x14'
2-2x4x12'
6-2x4x10'
3-2x4x8'

Roof-Hemlock

4-2x6x14
5-2x6x12'
6-2x6x10'
2-2x6x8''
1-1x8x16'
3-1x6x10'
4-1x12x12' Sheathing (Pine)
9-1x4x10'
3-1x4x6'

Temp Bracing/ Extra Lumber

1-1x4x14' Hemlock
2-1x4x10' Hemlock
1-2x4x16' Hemlock
1-1x12x16'-Pine
1-2x8x10- Rip for battens

Siding-Pine

1-1x12x14'
14-1x12x12'
9-1x12x10'
5-1x12x8'
1-1x10x8'
2-1x8x14'
1-1x8x8'
1-1x6x10'

Battens- rip to 3/4''

2-2x8x10'
4 -2x8x8'

Trim-Pine

1-2x8x14'
1-2x8x12'
5-2x8x10'
1-2x8x8'
2-2x4x14'
4-2x4x12'
1-2x4x8'
3-1x4x14'
3-1x4x12'
2-1x4x10'
2-1x4x8'
4-1x4x8'' rip to 2''
1-1x10x8' Rip to 1x5''
2-1x6x14' Rip to 3''
,



10x16 Smithaven Mill Work and Hardware

Millwork

1-JCS Arched Door-RO 38.5" x82.5"
Finished opening 36.5" x82.5"
1- Louvered Vent
1-Vent Batten@16"
1-8-0 Transom Window -12light -12'x96"
3-2x2 Six Light Hinged Window
1-16x21 4 light Barn sash window

Additional Lumber

5-3/4" 4x8 CDX Plywood

Hardware

10bs-16D Framing Nails
5lbs-16D Galv Nails for trim
5lbs-8D HDG Hand Nails
2lbs-6D HDG Hand Nails-Galv

400-Roofing Screws
20-Door Hinge Screws-Black
1-1/4" Hex Bit
1-#2 Square Drive Bit

3-8" Black Door Hinges
1-Turn Latch Black

6- Window Hinges-Black
20-Window Hinge Screws
3-Window Hooks & Eyes

Suggested Tools

Skill Saw or Hand saw Saw-z-all or chain saw Hammer
Nail puller (cats paw or crow bar)
25' tape measure Chalk line Extension Cord
Tin Snips
Staple gun
Pencil
Speed Square Four-foot level Cordless Drill
1/4" drive bit for drill
#2 Phillips
#3 Square Drive Razor Knife Chisel
8' Ladder
Extra Helpers

Corrugated Roofing

5-Pieces of Roofing @78"
1-Pieces of Roofing@ 78"- Ripped to 24"
2-Pieces of Roofing@ 111"
2-Pieces of Roofing@ 111" Ripped to 10.5"
3-Pieces of Roofing@ 82"
1-Pieces of Roofing@ 82" Ripped to 28"

1-Piece of Ridge Cap @ 126"
1-Pieces Ridge Cap @88"



10x16 Smithaven Hardware

This building is fastened together using a variety of nails and screws. Please use this page as a guide to what to use where.

Figure 1 shows all 3 nails, from top to bottom, 16d framing nail, 16d galvanized nail and 6d galvanized nail.

The 16d framing nail should be used for all framing of flooring, walls and rafters. Wherever there is 2" or 4" material and the nail will not be exposed to the elements, the 16d framing nail should be used.

The 16d galvanized nail should be used wherever there is 2" or 4" material that will be exposed to the elements. If you are working from a pre-cut kit, there are 16d galvanized nails included for the 2" Fascia and Shadow trim.

The 6d galvanized nail should be used for the siding and 1" trim. Wherever there is 1" material that will be exposed to the elements, the 6d galvanized nail should be used.

The roofing screws, Figure 2, are used to apply the metal roofing and should match your roof color. The longer of the two roofing screws should be used for the ridge cap. The 3/4" nut driver, Figure 3, is the driver necessary for the roofing screws.

The 1 5/8" zinc screws, Figure 4, should be used for the closure board on your double doors. The #2 Phillips bit, Figure 5, is the drive bit necessary for the closure board screws.

The #2 3/4" square drive screw, Figure 6, should be used for window hinges. The #2 2 1/2" square drive screw, Figure 7, should be used for the door hinges. The #2 drive, Figure 8, is the drive bit necessary for the window and door hinge screws.

The 6" Window hook, Figure 9, is used to hook your windows up. The window hook is secured to the window hook eye, Figure 10, when open.



Figure 1



Roofing Screws Figure 2



3/4" Nut Driver Figure 3



Zinc screw Figure 4



#2 Phillips Bit Figure 5



#2 3/4" square drive window hinge Figure 6



#2 2 1/2" square drive door hinge Figure 7



#2 square drive Fig 8



6" Window Hook Figure 9



Window Hook Eye
Figure 10