

## Pet Steps / Plant Stand with Storage

### Hardwood Face Frames

Mill stock to 9/16" thick X 1-1/2" wide

Qty	Length	
4	22-1/2"	Stiles
4	15"	Stiles
4	7-1/2"	Stiles
12	8-1/2'	Rails

Make two face frames of each size, joining the corners with Festool Dominos or dowels

### Door Panels

Qty	Width	Length
2	8-5/16"	19-1/16"
2	8-5/16"	11-9/16"
2	8-5/16"	4-1/8"

Length = grain direction.

### Plywood Boxes

Qty	Width	Length	
2	10-7/8"	21-15/32"	Sides
2	10-7/8"	13-15/16"	Sides
2	10-7/8"	6-13/32"	Sides
6	10-7/8"	11-3/16"	Tops & Bottoms

Length = grain direction. Mill a ~1/2" wide X 9/32" deep rabbet in the top and bottom of each side piece. Glue the boxes and face frames together. Align the parts so that the top edge of the bottom rail of each face frame is flush with the top edge of the bottom piece of each box.

### Treads (Tops of Steps)

Qty	Width	Length	Thickness
2	13-1/8"	12-3/16"	9/16"
1	13-1/8"	12-3/4"	9/16"

Width = grain direction. Roundover the two smaller treads on three edges, leaving one long edge square. On the larger piece, round all four edges.

### Door Frames & Door Sizes

Mill stock to 9/16" thick X 1-3/8" wide

Qty	Overall Width	Stile Length	Rail Length
2	10-5/8"	21-1/2"	7-7/8"
2	10-5/8"	14"	7-7/8"
2	10-5/8"	6-1/2"	7-7/8"

Prepare corners for joinery, either with Dominos or dowels. Cut stopped grooves in stiles and full-length grooves in rails to fit plywood panel.

**Adjust measurements as necessary to compensate for variations in thicknesses of plywood.**

Conventional mortise & tenon or dowel joinery can be used for face frames and doors.

Door panels can be solid wood, raised panels, or plywood.