

Washer Toss

BACKYARD
GAMES
SERIES

YellaWood
Pressure Treated Pine

PROJECT PLAN



Go from build master to tournament master with a quick build.

The simple construction of this outdoor activity makes it an ideal weekend or even after-work project.

Each board features a handle so you can easily transport the game. They also stack for out-of-the-way storage.

Using just a few YellaWood® boards and some plywood, the game takes shape in a few steps.

Once the frame is constructed, a PVC section is attached to create the cup, a few finishing pieces are added, and everything is sanded and sealed. Buy a set of washers that go with this game, and you're ready to play!

Note: Washers not included

BUILD TIME

3
HRS

DIFFICULTY



COST



- Read instructions through and familiarize yourself with the entire process before you begin construction
- Always double check measurements before you make any cuts

- Great Southern Wood cannot be held responsible for incorrect cuts

BuildYella.com

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WHAT YOU'LL NEED

SUPPLIES

WOOD STOCK

2x 2"x4"x6'

1x 36"x18"x1/2" plywood*

HARDWARE

1/2 LB BOX

1 1/2" exterior wood screws

2x

4 7/8" galvanized door pull (handle)**

OTHER

2x

13"x13" or larger piece of carpet or felt

1x

4" diameter PVC pipe, at least 8" long

YellaWood Protector® Stain & Sealer

*If your hardware store doesn't offer smaller dimensions of plywood, you can get a 4x8 sheet. You'll have more than half left over.

**Galvanized hardware is the best option, as it provides an extra dimension of weather-proofing.

TOOLS



Chop saw
(or hand or
circular saw)



Table saw



Drill / driver



1/8" Drill
bit***



Scissors



Square



Measuring
tape



Utility
knife



Sanding
block



Wood
glue



High-
strength glue



Paint/Stain
Brush

BUILD TIME

CUTTING

1
HRS

+

ASSEMBLY

1
HRS

+

FINISHING

1
HRS

=

TOTAL

3
HRS

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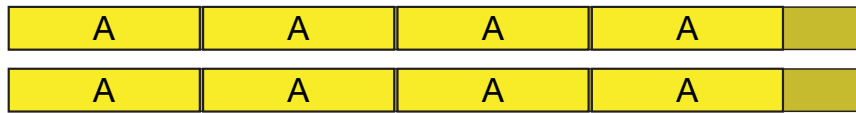
YellaWood
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WHAT YOU'LL NEED

CUTLIST: DIAGRAMS

2x4x6' STOCK
2 BOARDS

16"



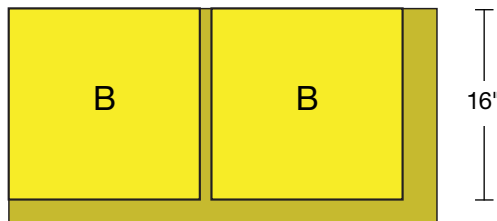
SIDE VIEW



3 1/2" (actual
board width)

36"x18"x1/2"
PLYWOOD
1 SHEET

16"



4" DIAMETER PVC PIPE
1 PIECE, OR 2 PIECES CUT



3 1/2"



TOP VIEW

4"

CUTLIST: TEXT

COUNT	PART	STOCK	DIMENSION
8x	A	2x4	1 1/2 x 3 1/2 x 16" w/ an angle cut @ 45°
2x	B	Plywood	16 x 16 x 1/2"
2x	C	PVC	4 x 3 1/2"

Note:

Because this is a simple piece, there are no direct-measures based on pre-assembled portions.

Therefore, feel free to cross-cut and/or rip-cut all of the pieces in the Cutlist prior to assembly. Measuring interior of box is recommended before cutting carpet/felt, however.

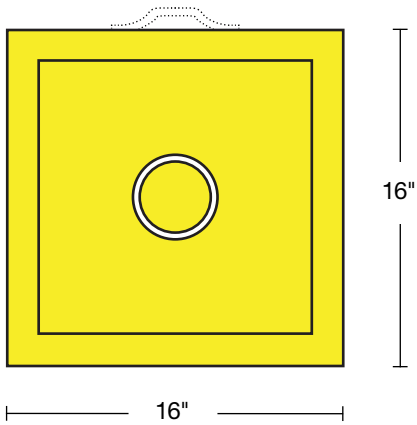
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DIMENSIONS & DIAGRAMS

TOP



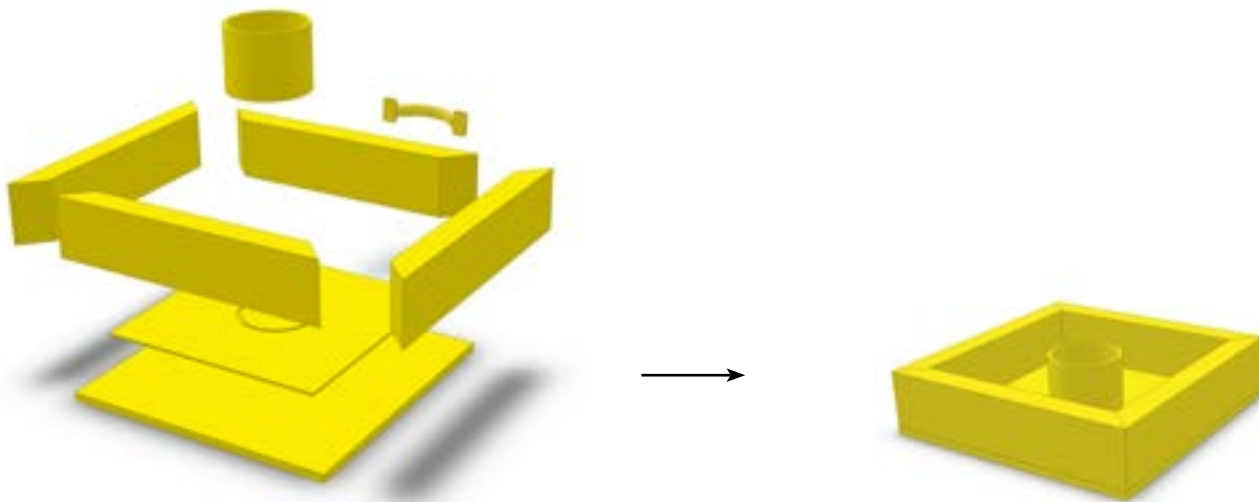
Notes:

Board dimensions can vary, so be sure to measure your stock.

FRONT



EXPLODED VIEW



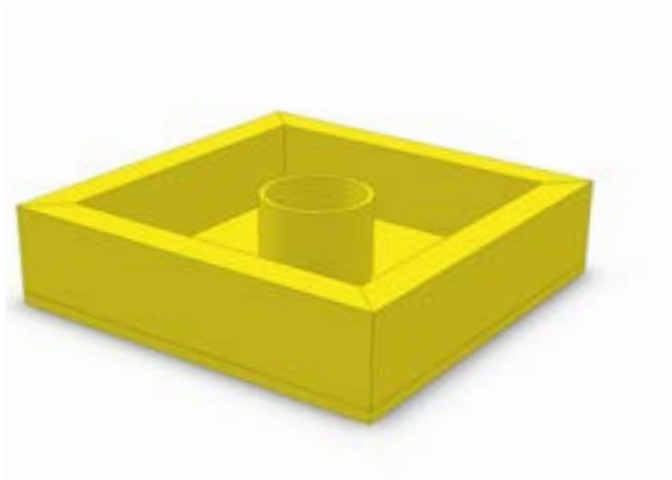
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OVERVIEW OF STEPS

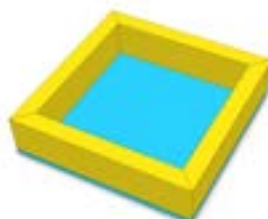
SEQUENCE OF BUILD



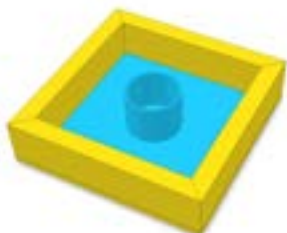
1: FRAME



2: BASE



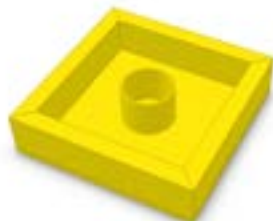
3: FELT & CUP



4: HANDLE



5: FINISHING & ACCESSORIES



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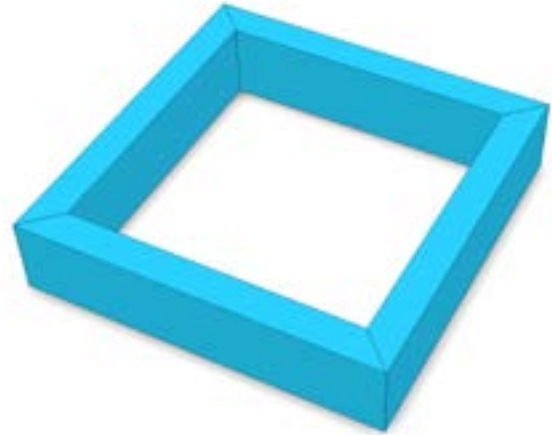
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DIMENSIONS & DIAGRAMS

STEP 1: FRAME

Note:

To limit redundancy, the instructions below are for one washer toss board. Repeat each step for the second board in the set.



1



Set your miter saw to 45° and cut the end off of a 2x4.

2



Flip the 2x4 and repeat the 45° cut 16" from the long end of the board.

3



Repeat steps 1-2 three more times until you have four perimeter walls.

4



Arrange the four pieces as shown. Use a miter or carpenter's square to ensure the corners are 90°.

5



Using two 1 1/2" wood screws at each corner, attach the four pieces to one another.

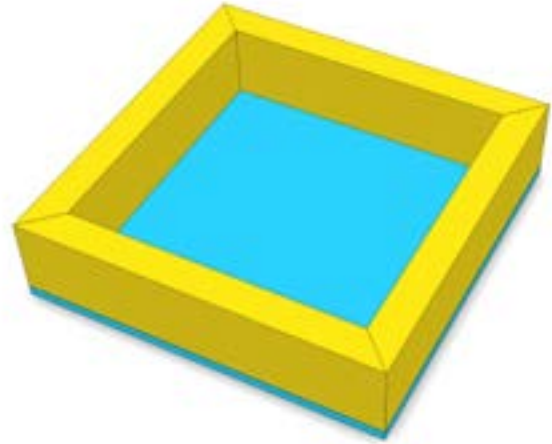
6



The frame is now complete.

DIMENSIONS & DIAGRAMS

STEP 2: BASE



7



Cut a 16" square out of $\frac{1}{2}$ " plywood using a table saw.

Tip: Direct-measure your frame to see best fit for a base.

8



Place the plywood piece on the bottom of the perimeter walls, aligning them so that the edges are flush.

9



Using 1 $\frac{1}{2}$ " wood screws, attach the plywood to the 2x4s. Avoid splitting the miter joint by offsetting the screws.

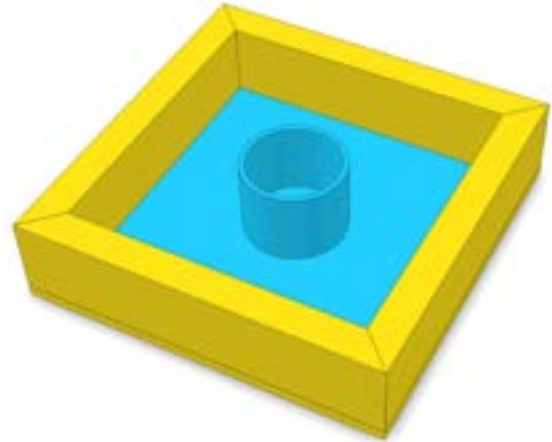
10



The base is now complete.

DIMENSIONS & DIAGRAMS

STEP 3: FELT & CUP



11



Cut a 13" square out of carpet or felt.

Tip: Direct-measure the inside of your frame for best fit.

12



On the underside of the carpet, draw an X from corner to corner and mark the center.

13



Then, mark the radius of the pipe in four directions from the centerpoint to create a box.

Note: 4" PVC pipe refers to the inner diameter. The outer diameter is closer to 4 1/2".

14



Place the PVC pipe within the bounding box and trace the outside.

15



Using a utility knife, cut out the circle on the inside of the line you drew.

16



Cut a 4" diameter PVC pipe to a length of 3 1/2" using a miter saw.

DIMENSIONS & DIAGRAMS

STEP 3: FELT & CUP

17



Place the circle of carpet you removed face down on the table, and place the PVC pipe on top of it. Trace the inside of the pipe onto the carpet/felt.

18



Using a utility knife, trim the circle.

19



Use glue on the carpet/felt. Spray glue is recommended, but any high-strength glue will work.

20



Place carpet/felt onto plywood.

21



Next, glue the PVC pipe to the plywood.

22



Finally, glue the small circle of carpet/felt inside the PVC pipe onto the plywood.

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DIMENSIONS & DIAGRAMS

STEP 4: HANDLE



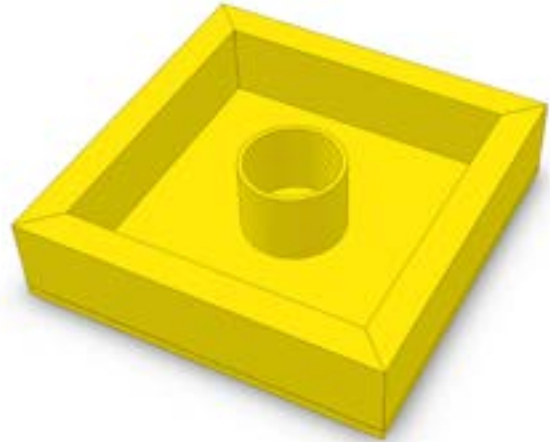
23



Place the door pull handle so it is centered on one of the frame edges and mark the holes where screws will go. Then attach handle with screws provided with handle.

DIMENSIONS & DIAGRAMS

FINISHING & ACCESSORIES



YellaWood® brand products provide the best available pressure treated lumber protection against rot, fungal decay and termites. Sanding edges is recommended to reduce snags and splintering. At a minimum, we recommend annual application of a water repellent. You can also paint or stain it if you prefer.

24



Ease any sharp edges with a medium grit sanding block. Apply preferred finish to the wood.

25



We recommend long lasting YellaWood Protector® semi-transparent stain and water repellent wood sealer, the only stain backed by the famous Yella Tag. Follow manufacturer's recommendations for application.

26



Add the washers of your choice. Powder-coated options are recommended because of their durability.

CONGRATULATIONS. ENJOY YOUR NEW WASHER TOSS GAME SET!

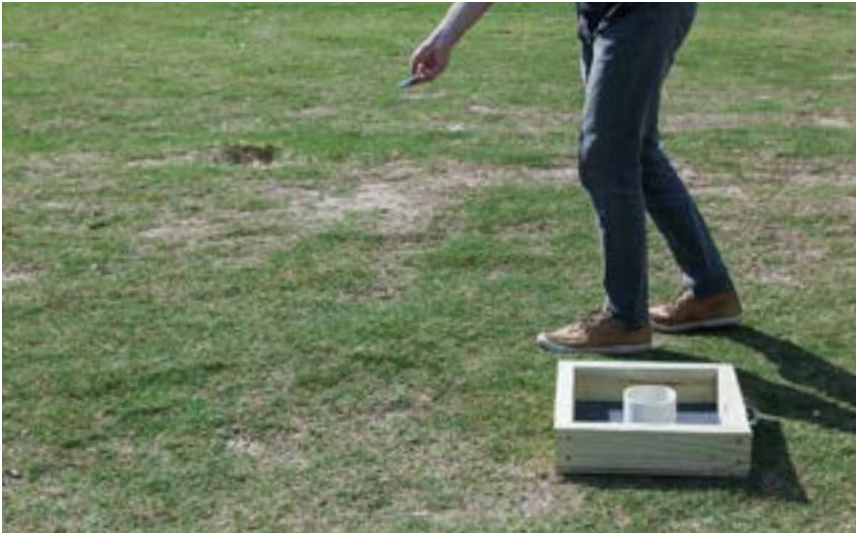
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PROJECT PLAN

GALLERY OF IMAGES



FASTENER & HARDWARE INFORMATION

FOR INTERIOR OR EXTERIOR APPLICATIONS

Use fasteners and hardware that are in compliance with the manufacturer's recommendations and the building codes for their intended use. As with any good design and construction practices, treated wood should not be used in applications where trapped moisture or water can occur. Where design and/or actual conditions allow for constant, repetitive or long periods of wet conditions, only stainless steel fasteners should be used.

FOR EXTERIOR APPLICATIONS

The following minimum galvanization levels may be used for connectors, joist hangers, fasteners and other hardware that are placed in direct contact with exterior applications of micronized copper treated wood:

- Fasteners – nails, screws, etc. ASTM – A 153 (1 oz/ft²)
- Hardware – connectors, joist hangers, etc. ASTM – A 653 G90 (0.90 oz/ft²)

The effects of other building materials within a given assembly, along with environmental factors, should also be considered when selecting the appropriate hardware and fasteners to use for a given project containing treated wood.

Stainless Steel fasteners and hardware are required for Permanent Wood Foundations below grade and are recommended for use with treated wood in other severe exterior applications such as swimming pools, salt water exposure, etc. Type 304 and 316 are recommended grades to use.

ALUMINUM

Aluminum building products may be placed in direct contact with YellaWood® brand products used for interior uses and above ground exterior applications such as decks, fencing, and landscaping projects. Examples of aluminum products include siding, roofing, gutters, door and window trim, flashing, nails, fasteners and other hardware connectors. However, direct contact of treated products and aluminum building products should be limited to code-compliant construction applications that provide proper water drainage and do not allow the wood to be exposed to standing water or water immersion.

We recommend you contact the aluminum building products manufacturer for its recommendations regarding use of its aluminum products in contact with treated wood in ground contact applications or when exposed to salt water, brackish water, or chlorinated water, such as swimming pools or hot tubs.

Also check with the aluminum building products manufacturer regarding compatibility with other chemicals and cleaning agents and the use of their aluminum products in commercial, industrial, and specialty applications such as boat construction.

YellaWood® brand pressure treated products are treated with preservatives (the "Preservatives") and preservative methods and technologies of unrelated third parties. For details regarding the Preservatives, methods, and technologies used by Great Southern Wood Preserving, Incorporated, see www.yellowood.com/preservative or write us at P.O. Box 610, Abbeville, AL 36310. Ask dealer for warranty details. For warranty or for important handling and other information concerning our products including the appropriate Safety Data Sheet (SDS), please visit us at www.yellowood.com/warranties or write us at P.O. Box 610, Abbeville, AL 36310. YellaWood®, YellaWood Protector® and the yellow tag are federally registered trademarks of Great Southern Wood Preserving, Incorporated.

Great Southern Wood Preserving, Incorporated makes no warranties expressed or implied as to the fitness for a particular purpose of this plan.

IMPORTANT INFORMATION

- Consult the end tag to determine which preservative or preservative system was used in the treatment of that particular product. YellaWood® brand products may be used in direct contact with aluminum building products when limited to code-compliant construction applications that provide proper water drainage and do not allow the wood to be exposed to standing water or water immersion.
- Use fasteners and other hardware that are in compliance with building codes for the intended use.
- Do not burn preserved wood.
- Wear a dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Some preservative may migrate from the treated wood into soil/water or may dislodge from the treated wood surface upon contact with skin.
- Wash exposed skin areas thoroughly.
- All sawdust and construction debris should be cleaned up and disposed of after construction.
- Wash work clothes separately from other household clothing before reuse.
- Preserved wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.
- Do not use preserved wood under circumstances when the preservative may become a component of food, animal feed or beehives.
- Do not use preserved wood as mulch.
- Only preserved wood that is visibly clean and free of surface residue should be used. If the wood is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed.
- Mold growth can and does occur on the surface of many products, including untreated and treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mold from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mold. For more information visit www.epa.gov.
- Projects should be designed and installed in accordance with federal, state and local building codes and ordinances governing construction in your area, and in accordance with the National Design Specifications (NDS) and the Wood Handbook.

DISPOSAL

RECOMMENDATIONS

Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state and local regulations.