

DRAIN Assembly

Objective

Present the procedure to build DRAIN.

List of materials

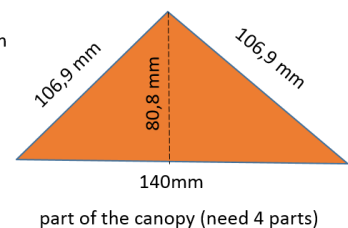
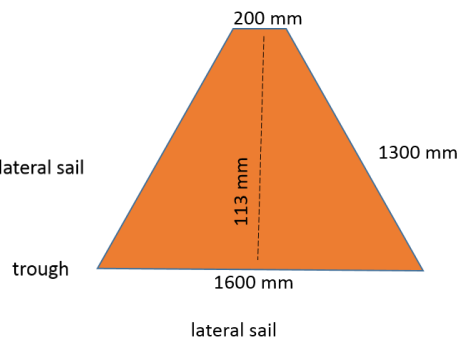
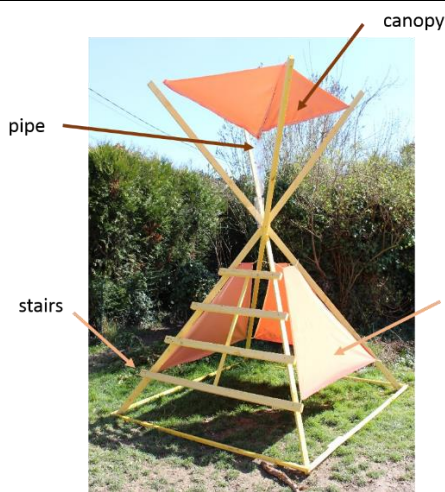
Raw materials

6 pieces of wood (35mm x 60mm x 4000 mm)
 4 pieces of wood (25mm x 25 mm x 4000 mm)
 textile (to collect rain and dew)
 plastic bottles (not mandatory)
 screws for wood (ϕ 4mm, L = 75 mm) (not mandatory)

Tools

Saw
 Screwdriver (not mandatory)
 Pen (not mandatory)
 carpenter's square (not mandatory)

DRAIN description



Assembly Procedure

STEP 1

Cut the wood (35mm x 60mm x 4000 mm) for the stairs
 1 piece Length = 1850 mm
 1 piece Length = 1500 mm
 1 piece Length = 1100 mm
 1 piece Length = 700 mm

Cut the wood (25mm x 25 mm x 4000 mm) for the square on the ground
 4 pieces Length = 2200 mm

Cut the wood (25mm x 25 mm x 4000 mm) to shore
 1 piece Length = 2200 mm

STEP 2



Screw (or assembly) 4 pieces of 1400 mm in the form of a square. Put it on the ground.

STEP 3



Screw (or assembly) 2 pieces 4000 mm

STEP 4



Raise the woods (from step 2), prop the woods that are maintain in the square.

STEP 5



Raise 2 pieces of wood 4000 mm (from step 2)
Screw (or assembly) them on the other pieces of wood (from step 4)

STEP 6



Screw (or assembly) all pieces

STEP 7



Screw (or assembly) the stair

STEP 8



Cut up the 4 parts of the canopy in the textile
Sew the 4 parts together
Insert eyelets at each corner (4) of the canopy

STEP 9



Cut the lateral sails
Insert eyelets at each corner(4) of the sails

STEP 10



Hang a rubber in each eyelet

STEP 11



Screw the hooks in the wood to hang the sails with the rubbers

STEP 12



Hang the sails

STEP 13



Create a tube with bottles (or other materials) to guide the harvested water (rain, dew) towards a container located in the tipi.

Step 14

soon

Create trough or gutter to collect water from the lateral sails