

# Spooky Halloween Tree

By Martha & Barry Jack and Norman Redpath  
of the Georgian Bay Villagers



Tree is made from 1 1/2" ABS pipe and fittings. A variety of fittings 90, 45 & 22 1/2 deg. elbows, 4 ways and tees etc. help to complete the assembly along with ~ 48" of tube in addition to a toilet flange adapter. ABS glue was used to form a very stable structure. When gluing ABS components setting time is almost instantaneous so it is important to assemble glued pieces very quickly and accurately. Try to achieve relatively flat, level, ends on your end fittings where the platforms go. Fine adjustment may be made later. The tree as you see it here is about 16" x 22" x 27" high and is screwed to a piece of 3/4" plywood 18"x24" providing a very secure assembly.



Martha applying Great Stuff expanding foam to the tree. A putty knife is used to adjust/tweak the foam application.





Hint....don't get any foam on your hands, clothing or anything, this stuff doesn't come off easily.



This is the front of the tree after one can of Great Stuff. We used 2 cans of the low expanding foam.





The open ends, where the platforms will sit, are made of 1" thick wood cut out with a 2 1/8" hole saw resulting in ~1 7/8" wooden plug. The hole saw used had a 3/8" diameter pilot drill. As you can see Martha has already starting painting.....acrylic flat black is the base coat. At this point a few of the potential platform bases required a kiss from a belt sander to level out mounting surface.



Here a 3/8" dowel was used to position the Masonite bases. Now you can use shims and a wood screw to achieve a flat level base plate as required. In hindsight a 6"x6" base is all that is needed so 2 wood screws, with necessary shims, would fix the flat base and delete the dowel.





Before the bases are put in place Martha has, after the flat black base, dry brushed the tree with some grey, dark brown and green paint. Spanish moss and lichen was hot glued in place. The Spanish moss airbrushed with some green then black paint to tone down the grey moss.





High density foam is hot glued to the Masonite wood base. Prior to gluing down the foam a 2" hole saw was used to cut in the foam to extract the wood screws for easy removal of the base assembly. After the buildings are put in place, hot wire the foam bases to the required size. The foam bases are then painted black and dry brushed grey for the desired effect.





This final display is approximately 24"x30"x40" high. All the light cords were black and pinned to the tree back. A power bar, hidden under the black cloth behind the tree brings in the necessary power supply.