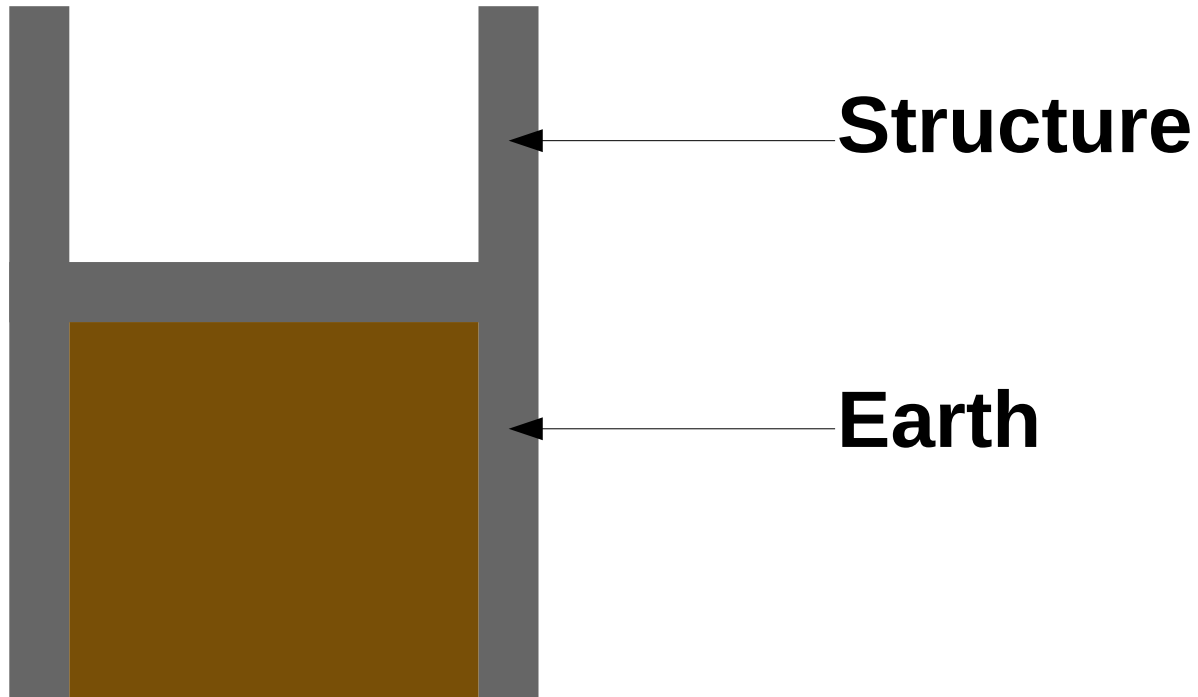
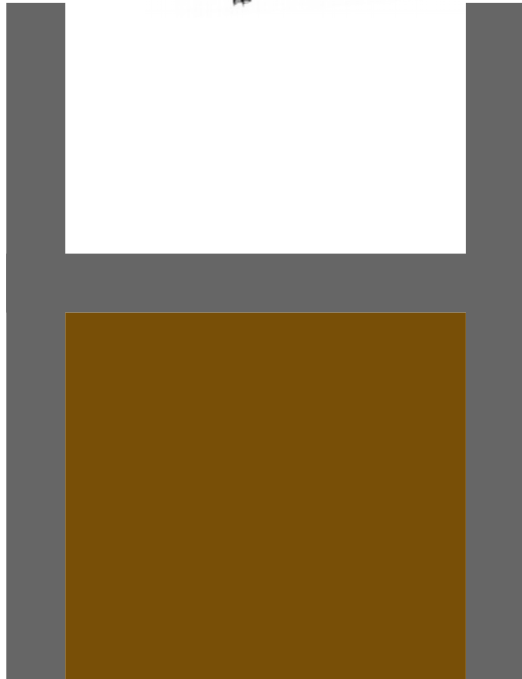


Automatic Watering System with MicroCapillarity

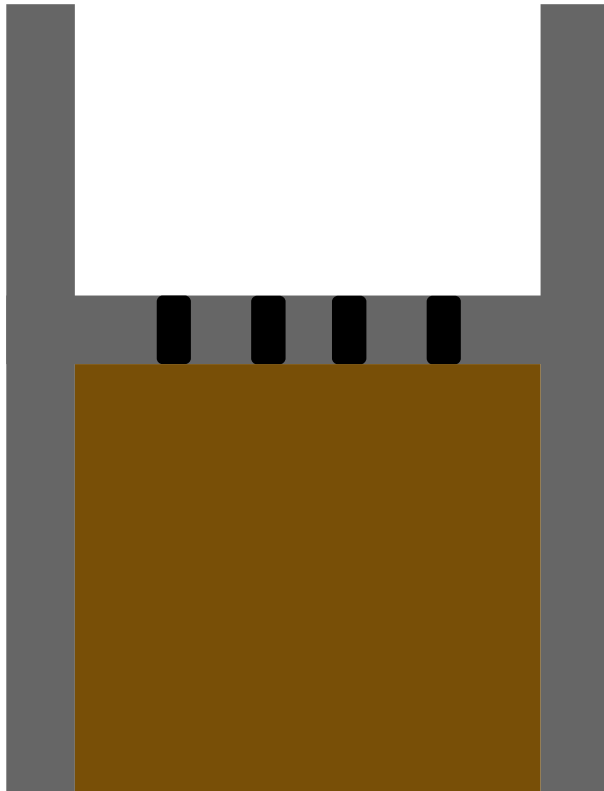


Automatic Watering System with MicroCapillarity



Drill holes!

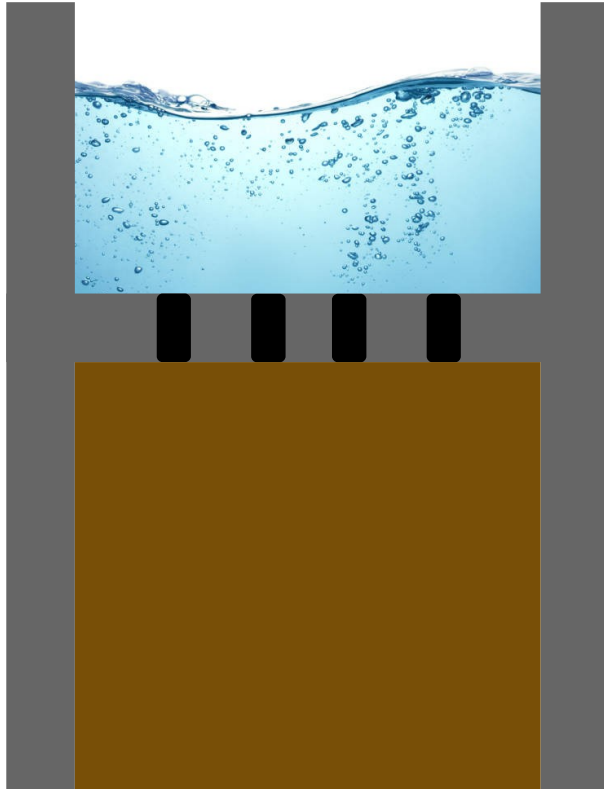
Automatic Watering System with MicroCapillarity



**Holes should be
veery small**

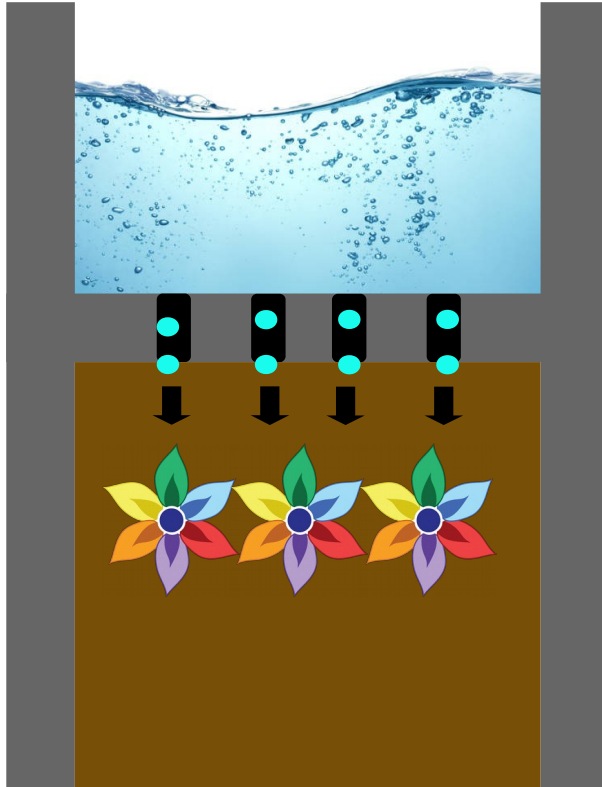
(<100um)

Automatic Watering System with MicroCapillarity



Fill with water...

Automatic Watering System with MicroCapillarity



With the right diameter, the earth
could be watered during a whole
week without a refill!!!

Automatic Watering System with MicroCapillarity



A PROTOTYPE WAS BUILT!

- Plastic parts were joined with glycerin
- Perforations were done with a 0.1mm tip
- Water poured too fast, a thinner tip should be used