

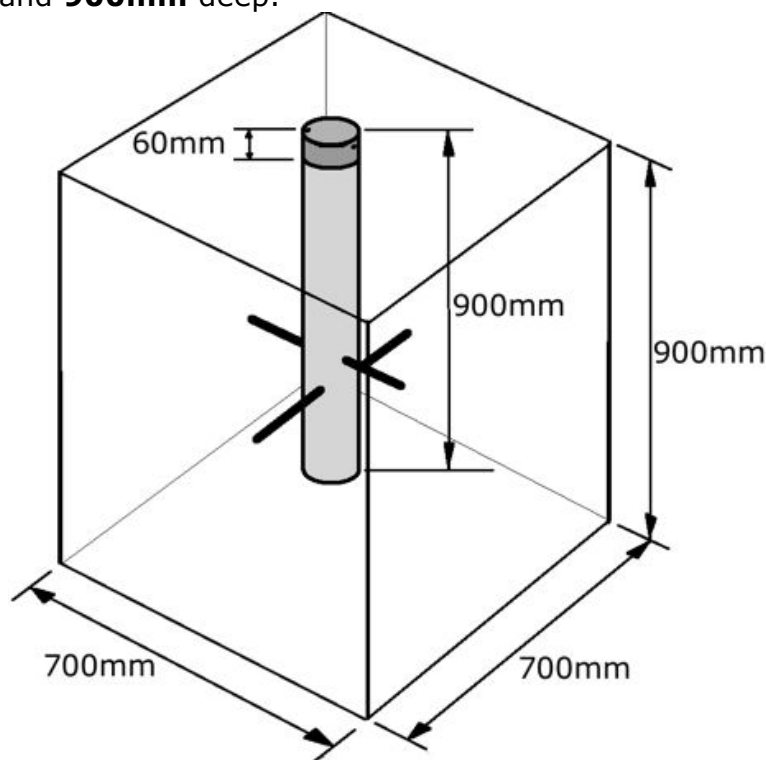


UMBRELLA FOUNDATION GUIDE

4m,5m and 6m Umbrella

After the correct location for the umbrella has been discussed and decided on with the help of the Proformance shades staff, you must then dig a hole for the installation and concreting of your umbrella foundation tube.

- 1) The umbrella foundation holes must be **700mm X 700mm** around the top and **900mm** deep.



- 2) The concrete must then be poured and the foundation tube slid into the centre of the hole with both steel reinforcing bars through the 16mm holes.
TIP: Stuff paper into the base of the tube to block the concrete from moving up past these 16mm bars. (Keep concrete out of the tube above 16mm bars)
- 3) The end of your tube with the 10mm hole drilled out is the top and this must be sitting 60mm out of the ground finished height.
NOTE: if there is a finish (such as matting, tiles, grass, deck,) going over your pole foundation the pole must be sitting the 60mm above the finished height.
- 4) The foundation tube must then be leveled perfectly as this will display how level your umbrella sits. (Level **MUST** be put down the tube as apposed to across the top).

CABINET FOUNDATION GUIDE

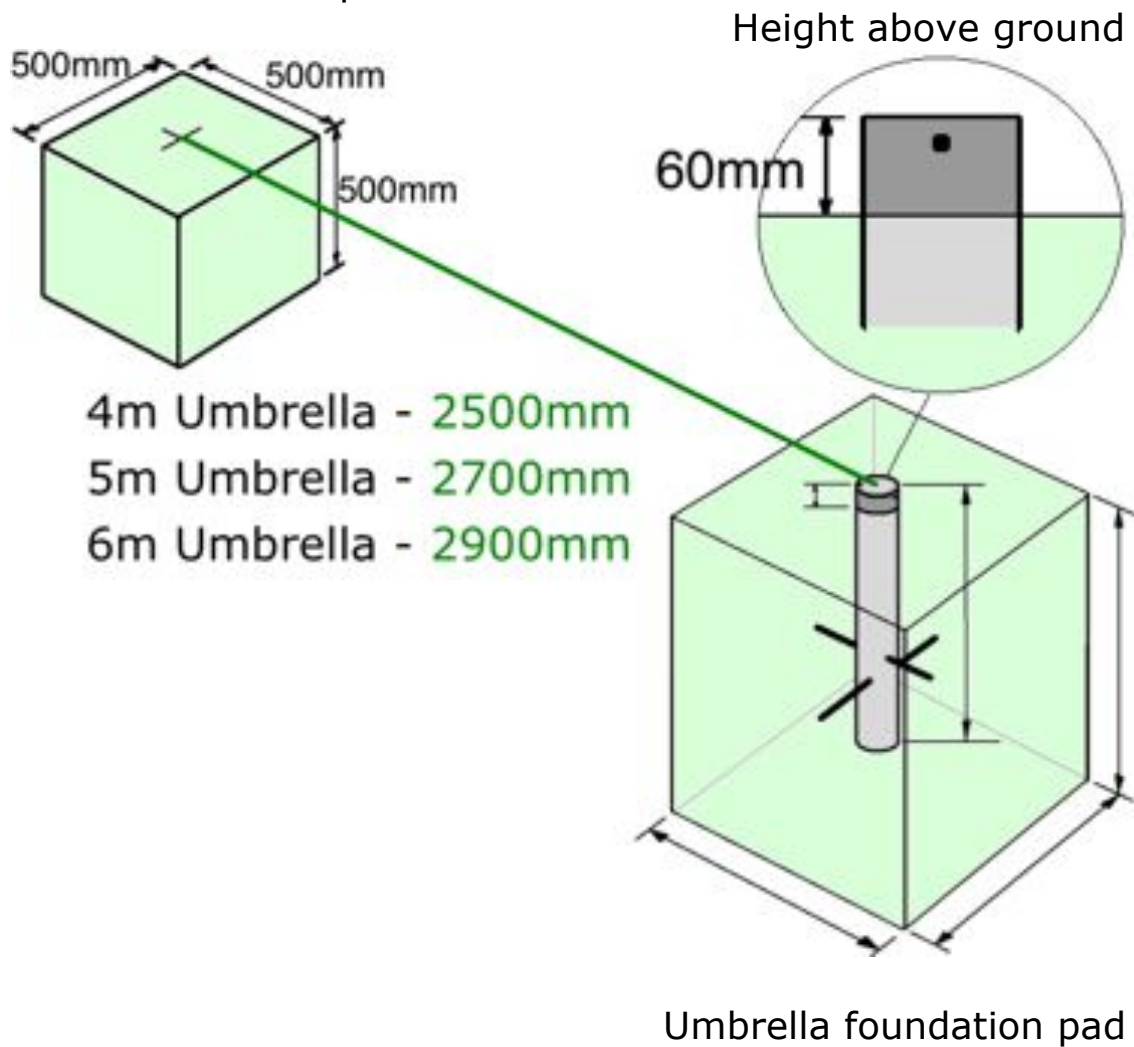
4m, 5m and 6m Umbrella

A cabinet foundation hole must measure **500m³ (500x500x500mm)**.

This concrete pad is what your cabinet is bolted down to and you will need to take into account the following **4-things**:

- 1) The top of your concrete pad must be flat and level after finishing.
- 2) Make sure your concrete pad is the correct distance from the umbrella foundation... this is measured as per diagram below. (Centre of cabinet pad to centre of the foundation tube)

Cabinet concrete pad

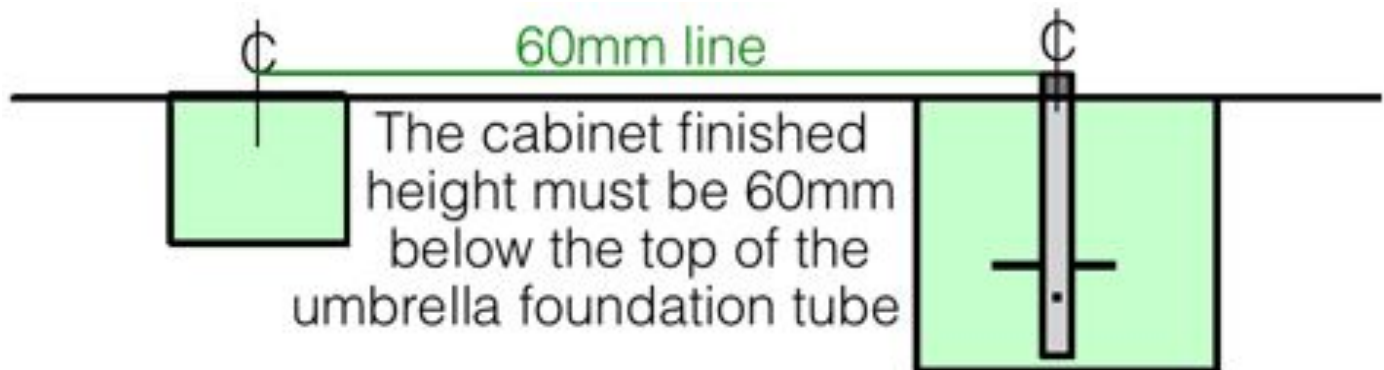


CONCRETE NEEDED:

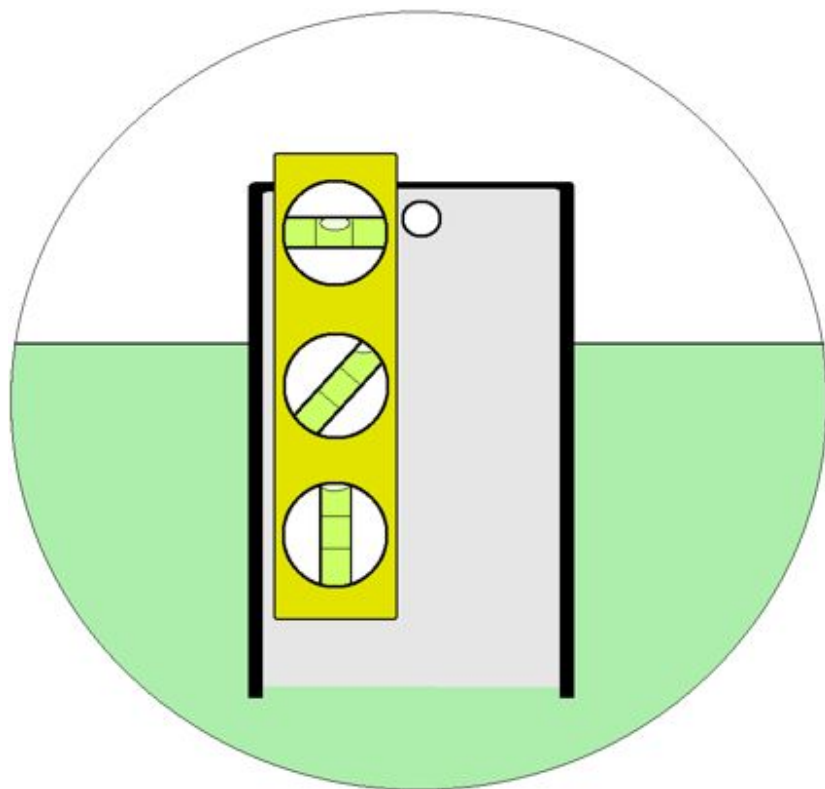
- a) 0.6m³ for umbrella
- b) 0.8m³ for umbrella with a cabinet

3) Your concrete pad must be aligned to sit the exact same height as the finished height of the umbrellas foundation (60mm below the height of the top of your tube)

TIP: If your ground is uneven then you will either box up the concrete pad for the cabinet, or lift the foundation tube an extra 100-150mm above the suggested height of 60mm.



4) Most important part is to make sure that the tube is LEVEL, do not put your level across the top of the tube. You must slide your level down the tube and check it from a few angles.



If there are any other questions feel free to call

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