SKYSPANSHADE
COMMERCIAL UMBRELLAS AND SHADE STRUCTURES

Alfresco Portable

Centre Post Retractable Umbrella

Method Statement

Installation of a Café Centre Post Retractable Umbrella

Components

Umbrella (complete)
Inground Socket (if requested)
Above ground stand

Required Tools

1. Hold down bolt assembly
2. Chemset (Ramset 101) - 1 tube per 4 umbrellas with a nozzle per hole
1. Spanners and sockets
2. Torque wrench
3. Hammer drill 14mm sds plus drill bit
4. Step ladder (2m)
7. White cleaning cloths
8. Bucket with PH Neutral chemical to wipe canopy
9. Silicone
10. Grout (non shrink)
11. Small vacuum or blower
12. Spirit Level

Note: Installation of this umbrella can be done by 1 person

Method

1. Place umbrella base in desired position.

2. Mark the footing using a template or through the bolt holes in the base of the umbrella base to be drilled for chemical anchors.

3. Remove the template and drill holes 100mm deep for chemical anchors or as per footing drawing specs.

4. Clean all dust completely from hole using a hole brush and compressed air. As per the Ramset method statement fit mixer nozzle to chemical anchor tube (minimum Ramset 101) and fill the hole to 75% from top with chemical (one hole at a time). Use the template to line up the bolts as you go.

5. Insert M12 threaded rod into the hole while twisting to eliminate air pockets leaving 45mm of rod out of the hole for the baseplate washer, locknut and dome nut. Use M12 leveling nuts with washers if the surface is not level. Once done leave bolts to set as per Ramset method statement.

(Keeping in mind of surface fall you may need longer bolts for the levelling of the umbrella).

6. Level the baseplate.

7. Once level, place washer and nuts onto threaded rod and tension nuts firmly.

8. Fit umbrellas to base and install locking pin.

9. Grout under base or use silicone to fill gap created by levelling nuts.