

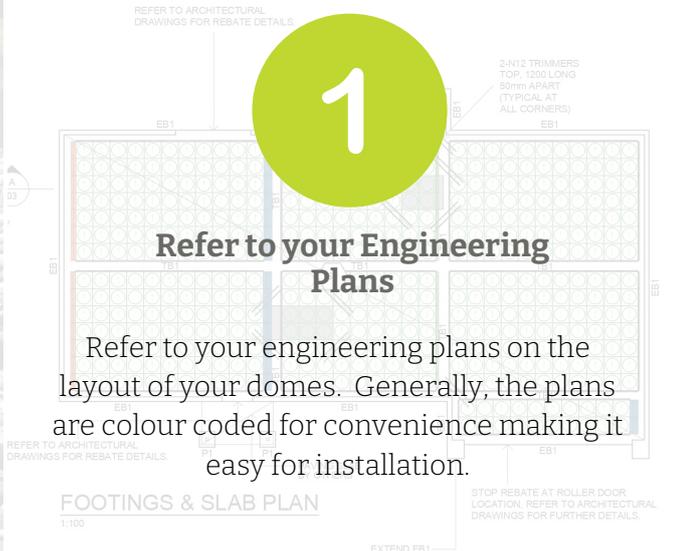
enviro slab

THE QUICK INSTALLATION GUIDE

1

Refer to your Engineering Plans

Refer to your engineering plans on the layout of your domes. Generally, the plans are colour coded for convenience making it easy for installation.



2

Components

Cupolex domes are made up of the main dome structure, the adjustable Beton Stop for edge adjustment and the Flat Stop to cap off any exposed ends of the domes.

3

Assembly

Each dome has a directional arrow engraved on the top of the dome. This allows for the domes to interlock with each other. Ensure you are installing your domes from left to right and top to bottom with all the arrows pointing in the same direction. It should show this on your engineering plans.



4

Start in the corner

You can start the installation from any corner of the however, ensure the arrows are pointing in the same direction and your are installing the domes from left to right top to bottom so that they can interlock properly. Your domes will not sit flat if the arrows are not pointing in the same direction.

5

Clusters

Once you have completed a cluster of around 6x6 or 4x8 the Beton Stop and Flat Stops are added as per the engineering plans. The Beton Stops are adjustable, and the plans will detail how many ribs are exposed. These will be listed as 1R, 2R, 3R and 4R.

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Beton Stops

If you need to move the Beton Stops to the opposite end of the cluster to accommodate for beam widths this can be done without affecting the slab.

7

Plumbing Requirements

The Cupolex domes can accommodate for pipe penetrations. Simply cut a hole with a saw or hand grinder in the top of the dome to place the pipe into.

8

Set Down Requirements

If you are using more than one dome type in the dome cluster for wet areas there will be some variance in the dome arch. Cover the gaps using a strip of plastic around 700mm wide.

9

Mesh and Pour

Ensure all Flat Stops and Beton Stops are in place prior to pouring. Place the mesh directly over the dome structures. Seat Cupolex domes with concrete then pour the beams. Vibrate as required.

