

# Aluminum Base Foundation

## For The Greenhouse

There are various methods of making a foundation for the greenhouse. You have quite a choice in terms of the style of base that you can prepare. Like concrete plinth, slabs, solid concrete and brick base etc. The most important objective is that it is level. When building your base make sure the diagonal measurements are equal. The simplest, at the same time being stable and maintenance free, is to erect the greenhouse on an original supplier's foundation with the kit.

For the coming season the original supplier's foundations have been substantially improved. Therefore the measurements of the foundation could vary from the measurements mentioned in the instruction manual for the greenhouse. To make assembly of the foundation easy, the new measurements are mentioned in the components list. which you find on the back of this page, where you will also find the number of fittings for your foundation mentioned.

Assembly of the foundation is simple and to be made as follows:

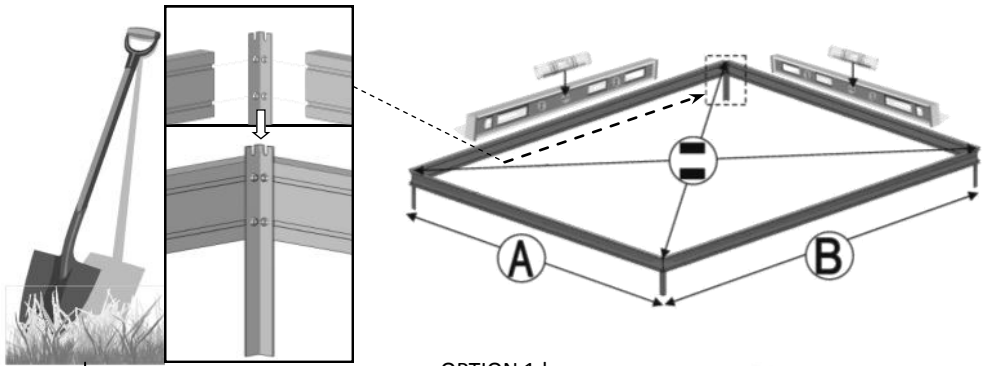
1. By means of the concreting fittings the foundation is to be assembled in the corners.
2. Dig down the concrete pipes ( $\phi=200\text{mm}$ ) approximately 80cm down (non-freezing debt). place the pipes and fill up the concrete pipes with concrete.
3. The webs of the concreting fittings are bent to secure better attachment.
4. Press down the fittings into the concrete. The foundation has to be totally in spirit level and the corners have to be square (the diagonal measurements equal).
5. The spacing between the foundation and the concrete pipes has to be approximately 5mm (distance block).
6. Place the greenhouse on the foundation when the concrete is completely dry.
7. Fasten the greenhouse to the foundation by means of the supplied special fittings.

For all practical purposes the concrete pipes and concrete not included. We are sure your dealer will be helpful when you order these materials. Furthermore you will need a spirit level, line or measuring tape for diagonal measuring and a 10mm spanner or socket spanner. These items are not included. Regarding the socket spanner we recommend the original supplier's greenhouse socket spanner, which is also indispensable when assembling the greenhouse.

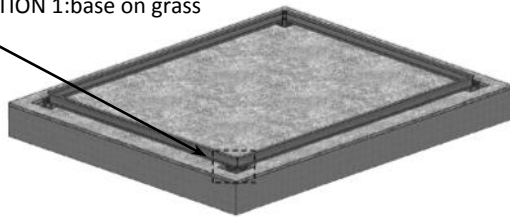
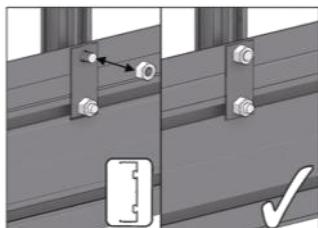
Note: 1. Two different styles of base that we don't recommend, one is block paving, the other is Tarmac.

2. Your greenhouse size is only nominal, for example a 6 X 8 greenhouse is not exactly 6' by 8'! It will actually be a few millimeters bigger. So be careful when building your base as mistakes on the size of your base are difficult to correct later. Also we don't recommend building your greenhouse directly onto soil.

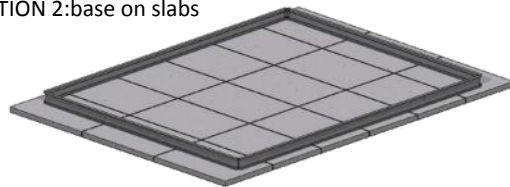
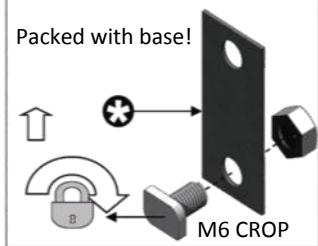
Model	A (mm)	B (mm)	Gable profiles (mm)	Side profiles (mm)	Anchor legs	Fixing tabs	M6 Bolts	M6 bolts (Crop)	M6 Nuts	Washer
Spirit	2096 6'10 <sup>1</sup> / <sub>2</sub> "	3664 12' <sup>1</sup> / <sub>4</sub> "	2x2038 2x6'8 <sup>1</sup> / <sub>4</sub> "	2x3606 2x11'9 <sup>15</sup> / <sub>16</sub> "	6	12	20	12	32	8
Hobby	2722 8'11 <sup>3</sup> / <sub>16</sub> "	3664 12' <sup>1</sup> / <sub>4</sub> "	2x2664 2x8'8 <sup>7</sup> / <sub>8</sub> "	2x3606 2x11'9 <sup>15</sup> / <sub>16</sub> "	6	13	20	13	33	8
Passion	2722 8'11 <sup>3</sup> / <sub>16</sub> "	4380 14'4 <sup>7</sup> / <sub>16</sub> "	2x2664 2x8'8 <sup>7</sup> / <sub>8</sub> "	2x4322 2x14'2 <sup>3</sup> / <sub>16</sub> "	6	15	20	15	35	8
Virtue	2722 8'11 <sup>3</sup> / <sub>16</sub> "	4380 14'4 <sup>7</sup> / <sub>16</sub> "	2x2664 2x8'8 <sup>7</sup> / <sub>8</sub> "	2x4322 2x14'2 <sup>3</sup> / <sub>16</sub> "	6	15	20	15	35	8



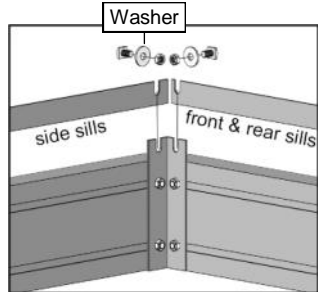
OPTION 1: base on grass



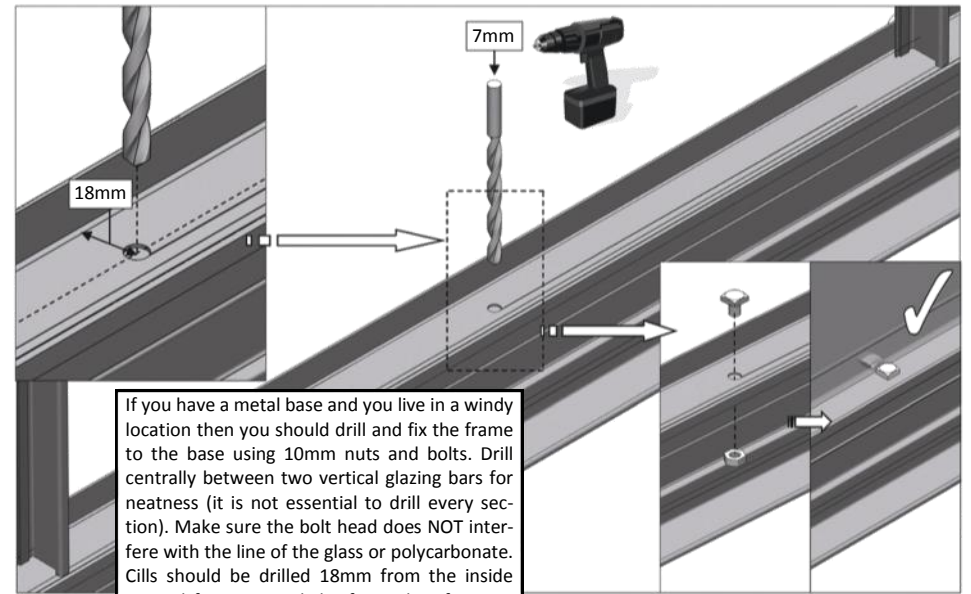
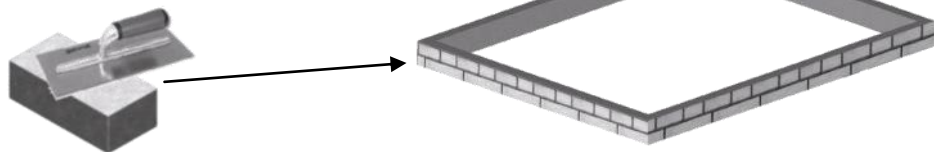
OPTION 2: base on slabs



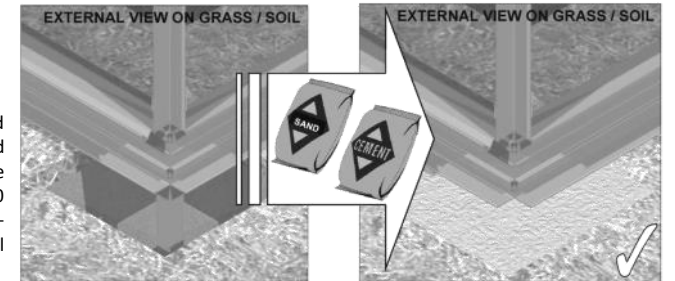
OPTION 3: base on concrete



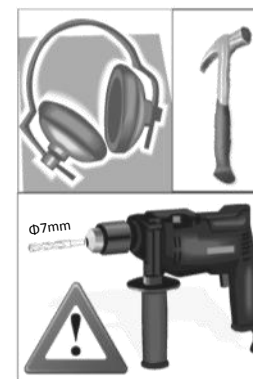
OPTION 4: no base on brick



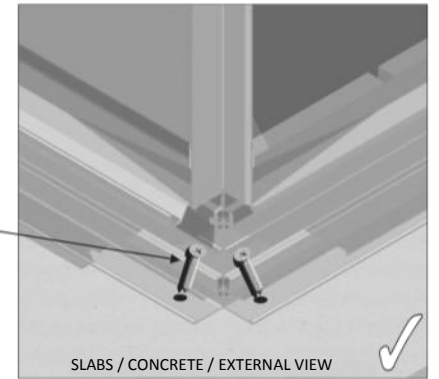
If you have a metal base and you live in a windy location then you should drill and fix the frame to the base using 10mm nuts and bolts. Drill centrally between two vertical glazing bars for neatness (it is not essential to drill every section). Make sure the bolt head does NOT interfere with the line of the glass or polycarbonate. Cills should be drilled 18mm from the inside vertical face to avoid the front glass face. Do NOT anchor the structure to the ground until the end!



Please note you will have to drill and screw through your metal base and into your solid foundation at an angle from outside the building. On a 8 x 10 building you should anchor the building at 10 points using 10 x 2" rawl plugs and screws (NOT SUPPLIED).



NO 10 x 2"



SLABS / CONCRETE / EXTERNAL VIEW