



Sandstone and Pre-Cast Concrete

## **HANDY HINTS FOR ASSEMBLING THE 2.3M FOUNTAIN**

<p><i>NOTE! These handy hints are designed as a guide to assist smooth and precise construction.</i></p>	
<b>Slab</b>	<p>The slab is 2270mm in diameter, 100mm thick with F62 reinforcing mesh.</p> <p>NOTE! The mesh needs 30mm of concrete cover.</p>
<b>Electrical Conduit</b>	<p>Electrical conduit (25mm), needs to be set in 160mm from the edge of the slab.</p> <p>If you leave the conduit protruding from the slab 400mm it can be cut to precisely the right height when the pond is placed on the slab.</p>
<b>Pond</b>	<p>Sweep the slab clean and place the pond in the centre of the slab – turning the notch in the top of the pond adjacent to the protruding conduit to house the pump cord.</p>
<b>Centre Piece</b>	<p>Install the centrepiece to avoid damage when lifting the centrepiece in. It is recommended that the centrepiece be glued in place with an appropriate industrial strength glue, to prevent it from falling off.</p>
<b>Paving Slab</b>	<p>Sweep the inside of the pond clean. Work out the centre of the pond and place the paving slab in the middle.</p> <p>You will notice the ribbing of the pond does not allow the paving slab to sit flat, so Make a slurry of cement and water – to thick paste consistency- and lay the paving slab on a bed of slurry thick enough to even out the ribbing (approx 8-10mm thick).</p> <p>The centre piece is quite heavy and so spreading this load over the entire paving slab is Important.</p> <p>Once the paving slab is in place remove any oozing mortar from the line of sight. – <b>make sure the paving slab is perfectly level and that each layer thereafter is as well or else the water level in the urn will reveal the inaccuracy</b></p> <p>Order of assembly- Paver, 4 corner blocks, pedestal base, pedestal shaft <b>NOTE if using lions face shaft do not lift the shaft by the lions faces</b>, pedestal cap, urn base finally urn</p>

<b>Pond Surround</b>	<p>Place the curved blocks around the pond, dry (no mortar) with a 7mm gap between them – use a 7mm thick piece of cardboard or substitute to give an exact measurement. Place the curved capping pieces, dry, on top of the curved blocks with a 50/50 overlap. Looking from the outside, the capping should overhang the blocks by 25-30mm. The gap between the capping is 7mm approx.</p> <p>Remove the curved capping pieces, leaving the curved blocks in place.</p>
<b>Prepare Mortar</b>	<p>Use a container eg ice cream container, paint tin or household bucket, measure three containers of the sand mix provided and mix with one container of QCL “Ivory Cement”.</p> <p>It is imperative that this be measured accurately to achieve the correct colour. Mix with enough water to make bricklaying mortar bond consistency – enough to use beneath and in-between the curved blocks only. Remove one curved block at a time and place mortar beneath and up one side of it.</p> <p><b><i>NOTE! In order to prevent mortar marking the face of the sandstone, have a bucket of water and a clean paint brush moist but not dripping wet, ready to remove any mortar mix that may ooze or land on the face of the sandstone.</i></b></p> <p>By the time you get to the last curved block, it should come together precisely, having laid it out dry first.</p>
<b>Weep Holes</b>	<p>After you have placed all the blocks remove mortar from the bottom of every second mortar joint to allow for overflow weep holes. This should assist to prevent pond overflow during storm events.</p> <p>The curved capping should then be laid out dry again, 50/50 on the curved blocks. Using the same method, mix up enough mortar to lay beneath and in-between the curved capping pieces. Removing only one cap at a time, begin laying.</p>
<b>Sealing</b>	<p>Let all sandstone surfaces dry thoroughly, then apply clear masonry sealer to all surfaces evenly, including the inside of the bowl. When the first coat of sealer has dried apply a second coat – read instructions on the sealer container for drying times before recoating.</p>
<b>Adding water and tuning water flow</b>	<p>When dry, fill the pond with water and connect the power. Then using the five taps, tune the water flow</p>