

# Pelican® Installation & Service Pool & Spa Hoist Installation Guide



## EARTHING

As per AS3000 of the wiring rules standards – “In certain circumstances” it may be necessary to have all conductive metal objects equally potentially bonded (earthed), this includes Pool Hoists.

**We recommend you seek the advice and opinion of a qualified electrician.**

## Tools required

- Hammer Drill
- 16mm masonry bit
- Hole Cleaning Pump
- Hole Cleaning Brush (included)
- Cartridge gun – for adhesive
- Adhesive (included)
- Acetone

- 1. To safely install the Pelican Pool & Spa Hoist** you will need a flat and level solid concrete pad to anchor it to. We recommend a minimum 1/3 of cubic metres of concrete is used when pouring your pad. This can be made up as a logical size, for example: 1000 x 1000 x 300 or 650 x 650 x 650. The ideal location is placed up against the pool edge.

**It's highly recommended to use a minimum of 25MPa concrete strength.**

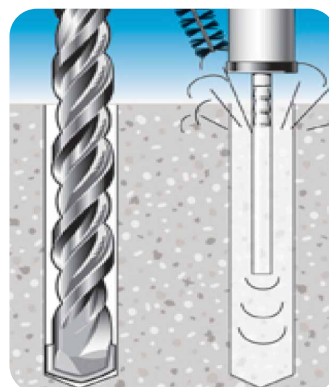
- 2. Place hoist in position, ideally around 100 to 500mm from edge of pool** (can be further but check that lifting arm will reach into pool far enough to lower person into water). Check for obstructions when arm of hoist is rotated. Use the hoist base as a template.

- 3. IMPORTANT Anchors must be set into the concrete base to a minimum of;**  
**1500-1700 arm – 100mm**  
**1900-2100 arm – 150mm**  
**If there are tiles or pavers on top of the concrete base, longer anchors will be needed so that the top of the anchor will sit flush with the top of the tiles/pavers and the anchor will still be set into the concrete base as above.**

- 4. Drill 16mm diameter hole to a minimum of 100mm into concrete substrate.** (Example: 100mm below any tile bed).

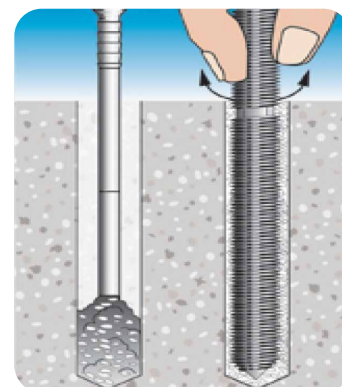
- 5. Remove dust and debris** by brushing and blowing at least 3 times each (If hole is wet or flooded, remove water with wet/dry vacuum). Hole may be damp but must not be flooded.

- 6. Prepare all holes and socket studs** before continuing onto next step.



DRILL  
HOLE

BRUSH  
& BLOW



INJECT ABRASIVE  
& INSERT STUD



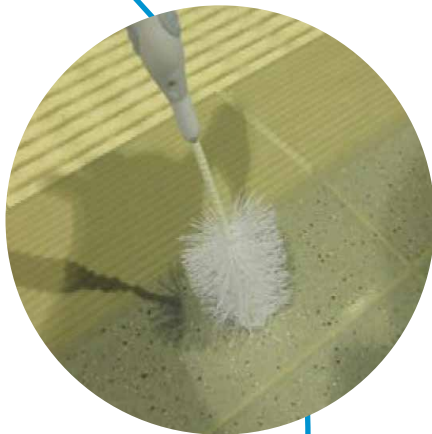
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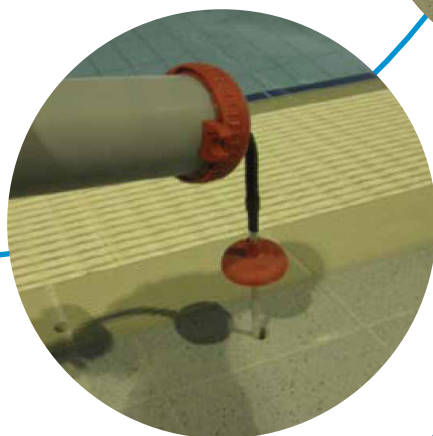
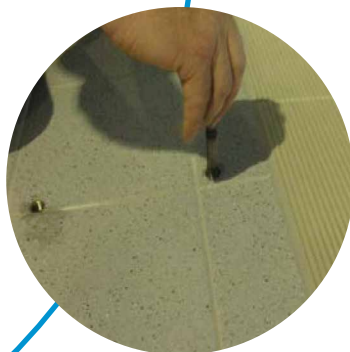
**Phone 1300 444 600**

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**NB. Tiles can be core drilled (16mm) for a cleaner and neater finish.**



7. **Screw mixing nozzle onto adhesive cartridge** (supplied) and dispense 2-3 trigger pulls of adhesive to waste until colour is grey with no streaks.
8. **Insert tip of nozzle** to bottom of hole and dispense adhesive.
9. **Fill hole** to about 2/3 full.
10. **Insert threaded stud socket**, with M12 threaded socket on top, with a rotating motion to release trapped air. Finish the top of the M12 threaded socket flush with finished floor, making sure that there is no adhesive in the threaded socket.
11. **Wait until adhesive has fully cured before loading** (15-30 minutes).
12. **Clean up** with acetone.
13. **Attach Pelican.**
14. **Test after thirty minutes** once anchors have been set.



### CAN WE HELP?

Call us on **1300 444 600** if you have any questions or need added guidance on installation.

