



## Pond Safety Ltd D.I.Y. Installation instructions

### BEFORE YOU START

When you receive your pond safety kit firstly check that you have the following components;

- a) GRIDS
- b) GRID CLIPS
- c) BEAMS
- d) LEGS
- e) FEET
- f) LEG STEMS
- g) SUPPORT CORD
- h) BEAM BUMPERS
- i) GRID BUMPERS
- j) ANCHORING KITS – RAWL PLUG i-BOLT (OR OPTIONAL SOFT GROUND ANCHORS)

The Diamondeck Safety Grid **MUST** be fitted width ways across the pond unless your pond is a small rectangle (i.e.2mx3m), this is when you have the choice of either direction as it would not compromise the strength. Before proceeding to install, ensure the pond is cleared of any sharp debris.

At the side on the pond, a way of checking you have enough kit, push all of the grids together and ensure they create a surface area greater than the pond surface area.

Ensure the water level is at its natural level before beginning the installation.

Also please ensure to fit the Diamondeck in stages as described.

The specially designed feet, bumpers and beam bumpers are provided to ensure that you do not pierce your liner during the installation process.

### INSTALLATION – A REMINDER TO SEND PHOTOS WHEN FINISHED FOR YOUR GUARANTEE

#### 1. Beam Installation

- Take one 'beam' and place a 'beam bumper' on one end
- Hold the 'beam' above water approx. 1cm away from the side pond edge & approx. 5 inches away from the top pond edge, At the opposite side pond edge, make a cutting mark on the beam mark approx. 1cm before the edge
- Cut the beam to length using a saw with an aluminium cutting blade
- Place a 'beam bumper' on the newly cut edge
- Now DRILL through the beam 5mm in from the end, directly down through both sides of the tall profile of the beam, and thread the 'support cord' through the 2 holes in the beam, and tie off in a tightly pulled figure 8 knot (see next to fig1).
- You now have your first support beam*
- Repeat this at both ends of every single beam.
- Anchor the 'support cord' to the surrounding edge of your pond using a 'ceiling hanger rawl plug' (See Figure 1 on next page)

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Figure 1

SUPPORT CORD



*The second beam...*

- Take a second 'beam' and place a 'beam bumper' on one end
- Hold the 'beam' above water approx. 1cm away from the side pond edge & approx 50 cm (grid width) away from the first support 'beam' and mark onto your beam with a peice of chalk, where you need to cut it to make sure it meets both sides of the pond neatly.
- Repeat the above steps until you reach the opposite edge of your pond

*The intended result is represented in Figure 2 below;*

Figure 2



## 2. Support Legs

- A) Decide upon the level you wish your DiamonDeck to be set at.
  - B) Attach a puncture proof 'foot' to the bottom of a 'leg'
  - C) Rest the 'foot' on the bottom of the pond so the top of the 'leg' points out of the pond surface
  - D) Make a cutting mark on 'leg' so that when cut it slots underneath the beam and supports your DiamonDeck at your desired level (take into account the leg stem that holds the leg and attaches to the beam).
- TIP- When gauging the cutting mark on the 'leg' take into consideration that a 'leg stem' needs to be pushed in the end of the cut 'leg' for attachment to the beam. This may impact the level at which you need to cut the 'leg'.
- E) Cut the 'leg' to size
  - F) Push the 'leg stem' onto the cut end of the 'leg'
  - G) Slide the 'leg' underneath the 'beam' and either 'snap-on' or 'slide' fit the 'leg stem' to the beam
  - H) Position the 'legs' under the beams approx. every 1.5m for span strengthening

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### 3. Grid Placement

- A) Starting from the side edge of the pond rest full 'grids' (width ways) on the beams  
(See Figure 2 above)
- B) Attach each 'grid' to the 'beams' using 'beam clips'  
(Use x2 'beam clips' per side of the grid each grid will therefore having 4 'beam clips') fit the 2 clip per grid onto the beam by sliding them over the end of the beam.
- C) If you have more than 4 grids on any single lane, you will need to attach the 'grids' together using 2 per grid of the thick tie wraps.
- D) Repeat steps A-C above until one row of grids is in place
- E) Repeat all steps A-D until you have covered the majority of your pond with Grids

### 4. Grid Cutting

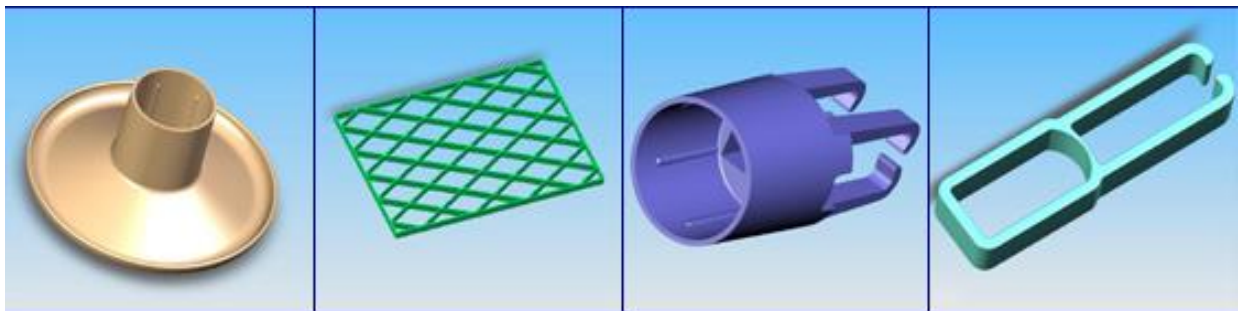
You may need to cut some grids to size/shape to fit the gaps around the edge of the pond.  
Cut 'grids' to fit gaps ensuring to leave approx. a 1 cm gap from the edge of the pond  
Place 'grid bumpers' on all cut edges and affix the 'grid' to the 'beam' and adjacent 'grid' (as described above)

Check the all grid surfaces are level and there are no gaps.  
You should have something that looks like this....

FINISHED EFFECT



GRID BUMPERS AND SUPPORT CORD



FOOT

GRID

LEG STEM

BEAM CLIPS

**IF YOU HAVE ANY QUESTIONS ABOUT D.I.Y. CALL 01623 558317**

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