

# Q<sup>2</sup>

# SKIMMER LID KIT

## QSL342 ASSEMBLY AND INSTALLATION INSTRUCTIONS

# QUAD

INSTALL  
EQUIPMENT  
REQUIRED

TILE SAW



TAPE MEASURE



PROTECTIVE WEAR



MARKER



## INSTALLING THE Q<sup>2</sup> EDGE PROTECTOR

### 01

#### NEW POOL PREPARATION

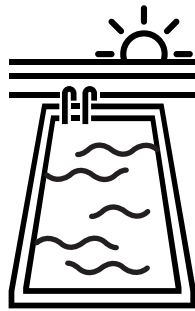
Use the 342mm x 342mm Edge Protector as a guide and centre over the skimmer box.

Once centred, mark an outline for cutting the surrounding tiles. Allow for extra 1-2mm clearance on all sides.

Cut to a depth which matches that of your selected Edge Protector + a mortar bed.

Remove debris from recess.

OR



### 02

#### EXISTING POOL PREPARATION

Remove existing skimmer lid and dress ring.

Use the 342mm x 342mm Edge Protector as a guide and centre over the skimmer box.

Once centred, mark an outline for cutting the surrounding tiles. Allow for extra 1-2mm clearance on all sides.

Cut to a depth which matches that of your selected Edge Protector + a mortar bed.

Remove debris from recess.

### 03

The Quad products are constructed from marine grade 316 Stainless Steel, and are considered a conductive material. Safety regulations apply to the install of the Edge Protector only.

EQUIPOTENTIAL  
BONDING -  
REMOVABLE

OR

EQUIPOTENTIAL  
BONDING -  
FIXED

If the Edge Protector is not to be fixed in place, Equipotential Bonding IS NOT required.

If the Edge Protector is to be fixed in place, Equipotential Bonding IS required.

Attach an appropriate bonding device using a pre-drilled hole in the Edge Protector.

### 04

#### INSTALL MORTAR BED + GROUT FINISH

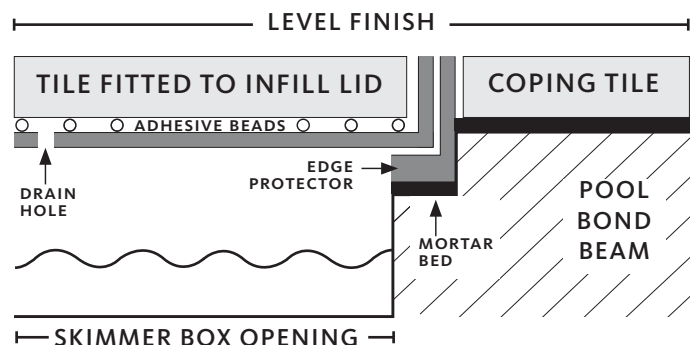


Fill the recess with a mortar bed.

Push Edge Protector into mortar until it sits level with the surrounds

Remove excess mortar and allow to set.

Grout between the sides of the Edge Protector and the surrounds.



**Please follow these instructions carefully to ensure the requirements of AS/NZS 3000:2007 Electrical Installations are met.**



IF YOU HAVE FURTHER QUESTIONS about Equipotential Bonding, more information can be found on our website: [www.skimmerlids.com.au/electrical](http://www.skimmerlids.com.au/electrical)



INSTALL  
EQUIPMENT  
REQUIRED

TILE SAW

ANGLE GRINDER

TAPE MEASURE

ADHESIVE GUN

MARKER



# ASSEMBLING THE Q2 SKIMMER INFILL LID

## 01

### SELECT A TILE

Select a defect-free tile that matches the skimmer box surrounds.

## 02

### CUT TILE TO SIZE

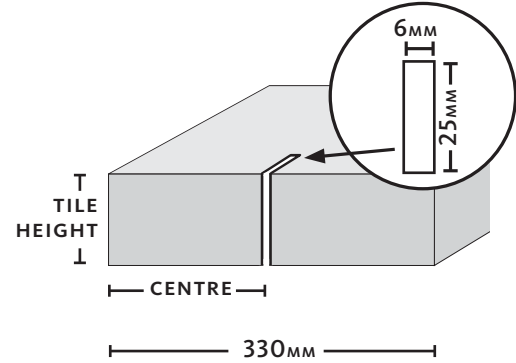
Cut tile to 330mm x 330mm. **EXCEPT** if using an Infill Lid 10mm thick, cut tile to 328mm x 328mm instead.

*Note Tumbled/Chiselled Edge Tile: Cut ALL 4 edges for a better finish.*

## 03

### CUT A KEY HOLE

Mark the centre on one edge. At the centre point, mark a cut 6mm (w) x 25mm (l). Use an angle grinder to cut. Be sure to cut through the full tile height.



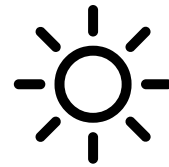
## 04 CLEAN THE TILE

Rinse well with water to remove ALL cutting dust.



## 05 DRY THE TILE

Allow the tile to dry fully **BEFORE** proceeding.



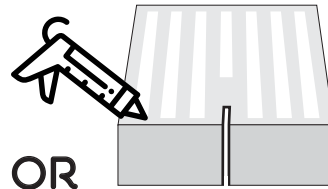
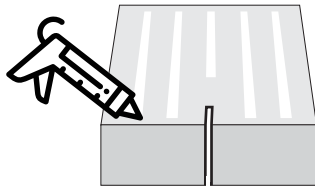
*Failure to complete these steps may result in a weak adhesive bond.*

## 06

### CALCULATE ADHESIVE REQUIRED

Calculate the difference between the tile height and the Infill Lid internal height.

The height difference determines the amount of adhesive required.



OR

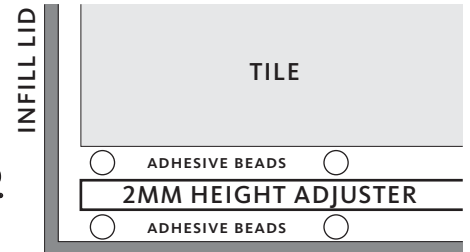
OR

A HEIGHT DIFFERENCE OF 1-2MM:

- 5-6 BEADS (ROWS)
- EACH BEAD 5MM WIDE
- EVENLY SPACED

A HEIGHT DIFFERENCE OF 2-3MM:

- 7-8 BEADS (ROWS)
- EACH BEAD 8MM WIDE
- EVENLY SPACED



**HEIGHT DIFFERENCE MORE THAN 3MM: USE THE 2MM THICK HEIGHT ADJUSTER**  
Each side of the Height Adjuster will be glued - one side to the tile (first), the other side to the Infill Lid. Calculate the amount of adhesive required based on the other diagrams, remembering that there will be two lots of adhesive applied, not one.



*Avoid placing any adhesive within 10mm of the keyhole or the Infill Lid's drainage holes.*

## 07

### APPLY ADHESIVE

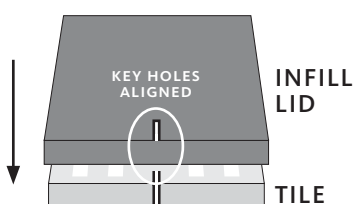
Turn the tile upside down on a flat, raised surface.

Apply the required amount of adhesive to underside.

Before the adhesive forms a skin, align the Infill Lid and tile so the keyholes match up.

Press the Infill Lid onto the tile to achieve a level finish.

Leave the assembled lid with tile upside down for 10-15 minutes for the adhesive to stiffen.



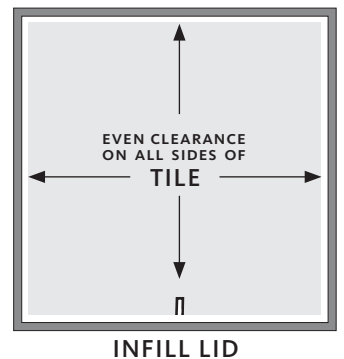
## 08

### ADJUST TILE POSITION

Carefully turn back over.

Adjust the position of the tile within the Infill Lid so it has even clearance on all 4 sides.

Ensure the top of the tile and the Infill Lid are still sitting level - if not, gently press until they are.



*Let the glue set overnight before handling the lid.*