



FOR THE  
**CONTRACTOR**

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INSTALLATION INSTRUCTIONS



Installation Instructions



Instrucciones De Instalacion



**DRAINAGE**  
SOLUTIONS, INC

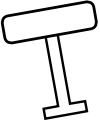
(317)346-4110

[drainagesolutionsinc.com](http://drainagesolutionsinc.com)

# MATERIALS + TOOLS

## IN THE KIT

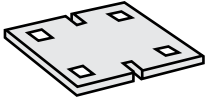
**A HIDE SAFETY KEY**



DO NOT LEAVE IN THE COVER!  
Pass to the Homeowner.  
Enables the installed HIDE cover to be safely opened/closed.

Kits 10, 20 & 30mm are single key models.  
Kits 40, 50 & 60mm are double key models.

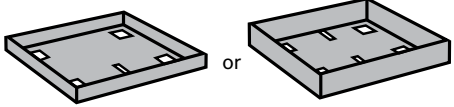
**B HEIGHT ADJUSTER**



Provides 5mm (3/16") extra height if inlay material is not thick enough to achieve a flush finish with the top of the Inlay Cover.

Suits both single key and double key models.

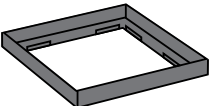
**C INLAY COVER**



A tray which holds the inlay material e.g. tile, paver, decking, cement.

Single Key model or double key model

**D EDGE PROTECTOR**




A frame inserted into a recess within the landscaped area. It protects the coping/surrounds from chipping/breakage.

**E ADHESIVE**



HIDE Adhesive to be inserted into a caulking gun. For use when assembling the Inlay Cover.





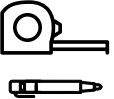



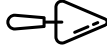

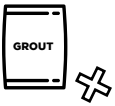

**F INFO PACK**



Homeowners Manual and Warranty pack. To be passed on after installation.

## EQUIPMENT YOU'LL NEED

(The type of inlay materials to be fitted will determine the tools required.)

 <p><b>CIRCULAR SAW</b></p>	 <p><b>ANGLE GRINDER</b> For cutting a keyway in the inlay material.</p>	 <p><b>PERSONAL PROTECTIVE EQUIPMENT (PPE)</b></p>
 <p><b>LEVEL WORK SURFACE</b></p>	 <p><b>TAPE MEASURE + MARKER</b></p>	 <p><b>SPONGE + WATER</b></p>
 <p><b>CAULKING GUN</b></p>	 <p><b>GENERAL PURPOSE BUCKET</b></p>	 <p><b>TROWEL</b></p>
 <p><b>MORTAR BED MIX</b> For installing the Edge Protector.</p>	 <p><b>GROUT &amp; SPACERS</b> If grouting tiled/stone inlay.</p>	 <p><b>EXPANSION JOINT GAP FILLER.</b> If sealing around the Edge Protector (optional).</p>

# INLAY SOLUTIONS

Depending on where the HIDE product is to be installed, it may run across two different types of landscaping materials. Similarly, it may need to be inserted where grout lines are present, or fitted with an intricate tile pattern.

With a little extra care, the HIDE product can be installed so it is virtually invisible.

## ① GROUT MATCHED



## ② TILE BANDING



## ③ INTRICATE PATTERNS



## ④ TIMBER DECKING

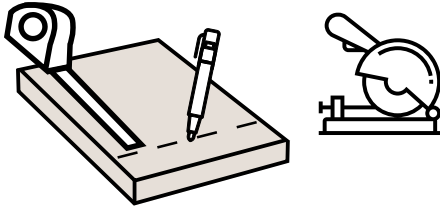


# ASSEMBLING THE INLAY COVER

## FITTING TILE/STONE INLAY

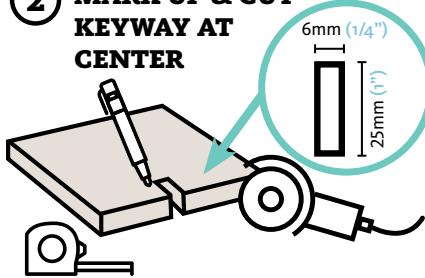
NOTE NUMBER OF KEYWAYS REQUIRED: 10, 20 & 30mm (0.4", 0.8", & 1.2") lids require one keyway cut and 40, 50 & 60mm

### 1 CUT TILE (INLAY) TO SIZE



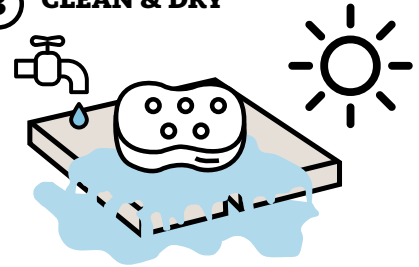
⚠️ If using tumbled/chiselled edge tile/stone cut all 4 edges for a better finish. See previous page to view options for aligning inlay and grout lines to coping/surrounds.

### 2 MARK UP & CUT KEYWAY AT CENTER



⚠️ Ensure keyway is positioned on the tile edge which will be closest to the pool. Check that the key fits the keyway before gluing.  
⚠️ NOTE: Two key models require two keyways.

### 3 CLEAN & DRY

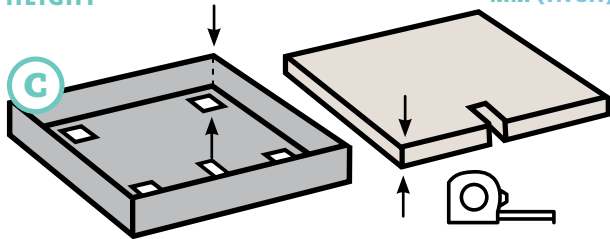


⚠️ Failure to complete these steps may result in a weak adhesive bond.  
⚠️ You must insure that bonding materials are fully dry before bonding especially in cold weather.

### 4 CALCULATE THE AMOUNT OF ADHESIVE REQUIRED

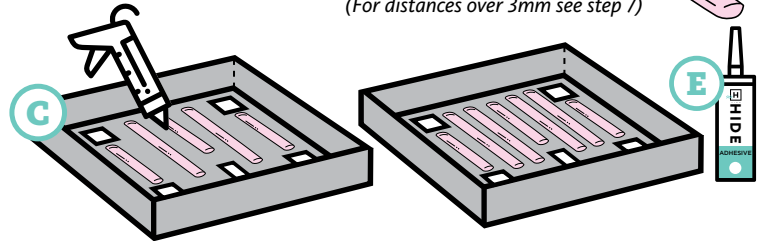
by measuring the height difference between Inlay Cover and Inlay material thickness.

INLAY COVER INTERNAL HEIGHT MINUS INLAY (TILE) HEIGHT = HEIGHT DIFFERENCE MM (INCH)



### 5 HEIGHT DIFFERENCE UNDER 3MM (1/8")

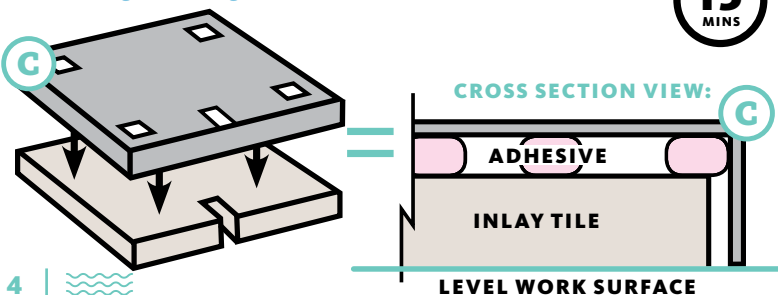
1 - 2mm (1/16") = Qty 5 x beads 5mm (3/16") wide or  
2 - 3mm (1/8") = Qty 7 x beads 8mm (5/16") wide  
(For distances over 3mm see step 7)



⚠️ Avoid placing adhesive within 10mm (3/8") of keyway and drainage holes. Ensure the adhesive supports each corner of the inlay material. Ensure all bonding materials are fully dry.

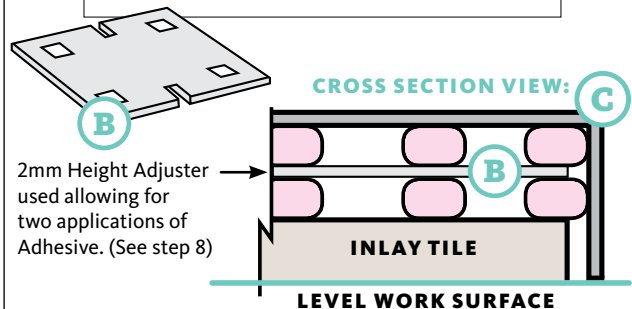
### 6 Flip Inlay Cover C over and press down onto inlay (tile):

So that both inlay cover and tile sit upside down flush on a flat surface for 15 minutes to let adhesive stiffen.  
Curing time is longer in cold weather.



### 7 HEIGHT DIFFERENCE OVER 3MM: (1/8")

USE THE HEIGHT ADJUSTER SUPPLIED

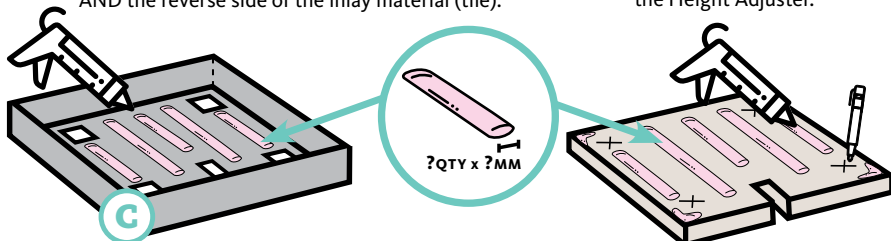


(1.6", 2", & 2.5") lids require two keyways cut at opposite ends of the stone to suit inlay lid.

### 8 HEIGHT DIFFERENCE OVER 3MM: (1/8")

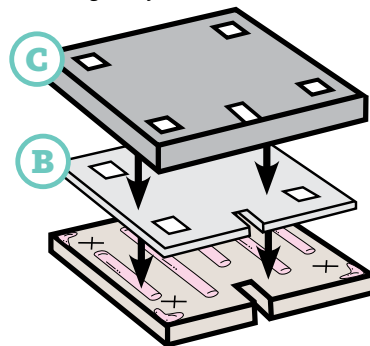
To calculate TOTAL adhesive to use with the Height Adjuster, remember there will be two lots of adhesive applied i.e. adhesive is applied inside the Inlay Cover (C) AND the reverse side of the inlay material (tile).

Ensure the adhesive supports each corner OF THE INLAY MATERIAL above and below the Height Adjuster.



⚠️ Avoid placing adhesive within 10mm (3/8") of keyway and drainage holes. Mark their position through the height adjuster with a cross.

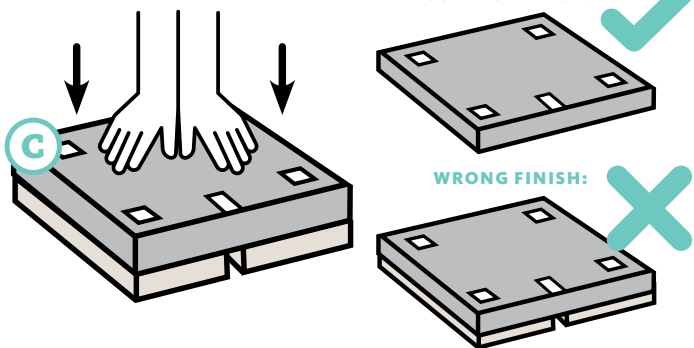
### 9 Place Height Adjuster on inlay (tile), then flip Inlay Cover (C) over and press down onto Height Adjuster (B):



### 10 PRESS DOWN FOR A LEVEL FINISH

CORRECT FINISH: ✓

WRONG FINISH: ✗

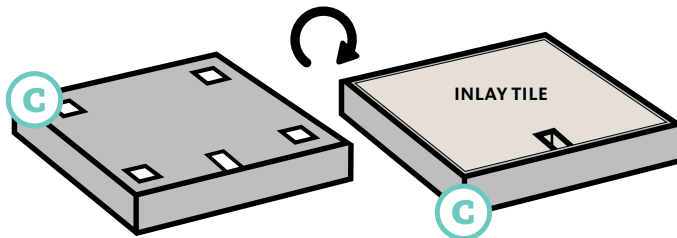


### 11 WAIT WHILE ADHESIVE STIFFENS

See step 13 as time may vary due to temperature



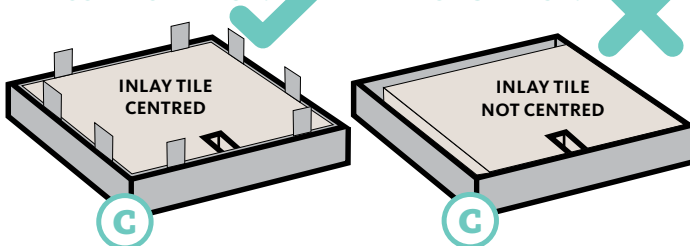
THEN FLIP RIGHT WAY UP



### 12 CENTER TILE IN THE COVER

CORRECT FINISH: ✓

WRONG FINISH: ✗



⚠️ Make sure the glue has stiffened and remains flush with the inlay cover. Use tile spacers to center the infill.

### 13 LET ADHESIVE SET

Adhesive should not be used in temperatures below 5°C (41°F) and above 40°C (104°F). Curing time will be affected in harsh environments.

- Curing time is longer in cold weather.
- Cure in the shade in hot weather.



### 14 TO FIT DECKING BOARDS

Apply glue between timber and lid allowing for sufficient clearance for drainage.

For a seamless finish, pattern match timber and grain through the inlay cover.

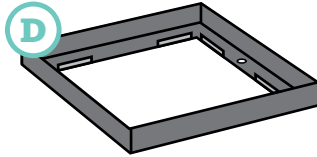


# INSTALLING THE EDGE PROTECTOR

## 15 POOL PREPARATION

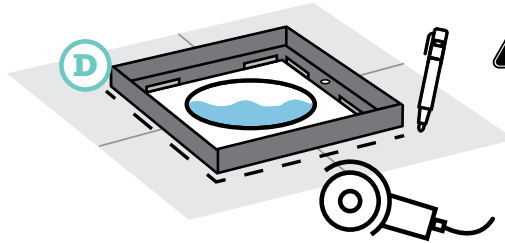
### NEW POOLS:

**SET DEPTH - WHEN LAYING LEVELLING BED, PROVIDE SPACE FOR EDGE PROTECTOR SO IT WILL BE FLUSH WITH TOP OF INSTALLED TILE**



### EXISTING POOLS:

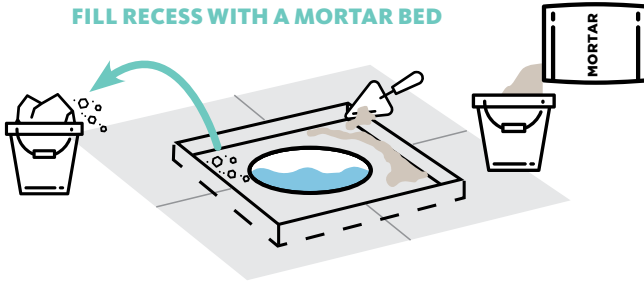
**CUTOUT - MARK OUTLINE FOR CUTTING SURROUNDS AND CUT DEPTH TO MATCH SELECTED EDGE PROTECTOR AND A MORTAR BED**



⚠ Ensure edge protector is centred over skimmer to mark cutting area.  
Allow for **1-2mm (1/16")** clearance on all sides.

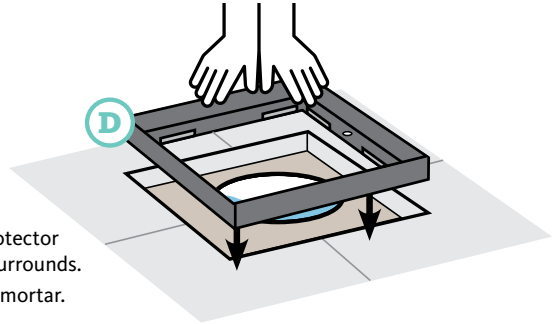
## 16 INSTALL MORTAR

**REMOVE DEBRIS FROM RECESS THEN FILL RECESS WITH A MORTAR BED**

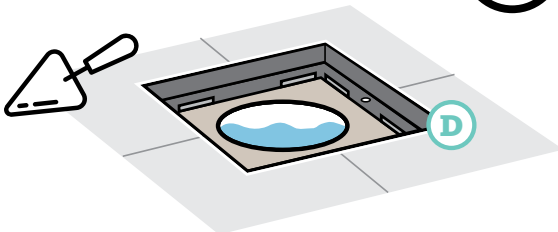


## 17 PUSH IN EDGE PROTECTOR

⚠ Ensure edge protector sits level with surrounds.  
Remove excess mortar.



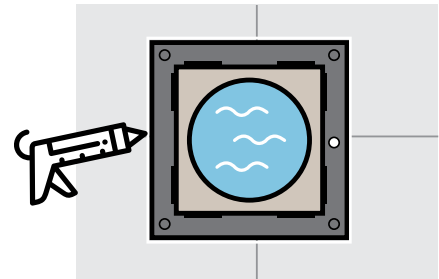
## 18 ALLOW MORTAR TO SET



## 19 EDGE PROTECTOR

### TOP VIEW OF INSTALL


The Edge Protector may be left loose on its mortar bed or filled with an expansion joint gap filler.



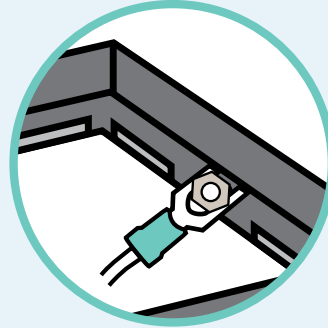
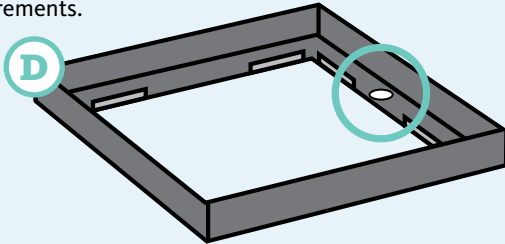


# IMPORTANT CONTRACTOR INFORMATION

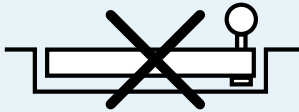
## EARTHING (BONDING) RULES AND REGULATIONS

 HIDE products are constructed from 316 marine grade stainless steel, and are considered a conductive material. Safety regulations vary and you should consult your local authority to determine what rules may apply in your area.

Bonding is the responsibility of the installer, attachment points have been provided to allow for use of bonding devices if required. Check your local regulations to ensure the installation meets electrical safety requirements.



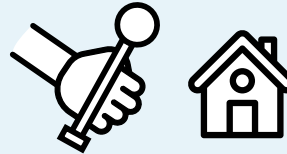
## !!SAFETY FIRST!!



**REMOVE KEY  
FROM COVER**

NEVER leave the HIDE Safety Key in the cover for any reason, especially after install.

Leaving the Safety Key in the top of an installed cover may be dangerous, as it enables children to access the Skimmer.



**PASS KEY TO  
HOMEOWNER**

DO NOT RISK IT - HIDE recommends that once the cover is installed, the Safety Key is passed to the homeowner and is stored securely.



**NO ACID /  
CHEMICAL  
WASH CONTACT**

ACID and chemical washes will cause discolouration and/or rusting on the stainless steel HIDE components. Acid or chemical contact will void the HIDE warranty.



**SAFE WORK  
PRACTICES**

ALWAYS be conscious of your and co-workers' safety while assembling and installing the HIDE components.

Personal protective equipment (PPE) must be worn, especially when cutting tiles and using adhesive.

Recommended PPE includes eye and ear protection, gloves, dust mask and safety boots.



## OTHER PRODUCTS

### ACCESS & INSPECTION



The HIDE Access and Inspection Covers can be used for underground service points including: water table inspection pipe (typically close to the skimmer box); grey water inspections outlets (IO); water tanks; balance tanks; taps and irrigation; valves and meters.

### DRAIN



The HIDE Drain Cover can be used in most outdoor areas, including patios, decks and pathways allowing for a water intake compatible with a standard 90mm or 100mm drainage network. HIDE Drain Covers not only look amazing but provide superior safety and performance.

### CONCRETE WET POUR



The HIDE Concrete Cover is filled and finished at the same time as the pool surrounds. This ensures this cover perfectly matches the selected surface finish in both texture and colour. If you are wanting to finish your pool surrounds in a material like polished or decorative concrete, this is the product for you!



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PROUDLY MANUFACTURED BY:  
**SKIMMER LIDS**  
PTY LTD

8PP-INSTAL-2019-01-V1

#### International Patent Protection:

The skimmer box cover - lid and key product contained herein is covered by U.S. Patent Application. No. 15/336,801  
The skimmer box cover - lid product contained herein is covered by U.S. Design Patent No. D819788