Shortening the CLEVA POD® using the integral End Cap



Measure and mark the length of the POD that needs to be shortened.

HANDY TIP: A white engineers crayon works very well here.





Cut the End Cap off following the pre-marked End Cap cut line and the section you wish to remove.



Drill 2-3 8mm holes into the CLEVA POD® through the predrilled holes in the End Cap and secure using the CLEVA PLUG™s. Connect the base flange at either end of the End Cap using a CLEVA PLUG[™] from the underside of the base to avoid puncturing the membrane.





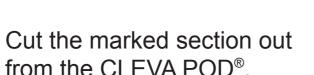
Shortening the CLEVA POD® using the CLEVA COMB[™] (Baffle)





Measure and mark the length of the POD that needs to be shortened.







CLEVACO® - CLEVAPOD® INSTALLATION GUIDE - MARCH 2023

HANDY TIP:

When securing the End Cap or CLEVA COMB[™] always ensure the CLEVA PLUG[™] flat head is on the underside of the CLEVA COMB[™] to avoid the spike end of the plug puncturing the membrane.



Place a CLEVA COMB™ across the exposed face of the CLEVA POD[®], push the CLEVA COMB[™] firmly down into the grid securing the CLEVA COMB™ teeth into the pods structural grid and connect to pre-drilled base flange using the CLEVA PLUG™s.



HANDY TIP: Ensure the CLEVA COMB[™] teeth are placed behind the last grid line to lock the CLEVA COMB[™] into the grid.

How to cut the the CLEVA POD® on any angle



Measure and mark the angle and length of the POD that needs to be cut to accommodate an angle.

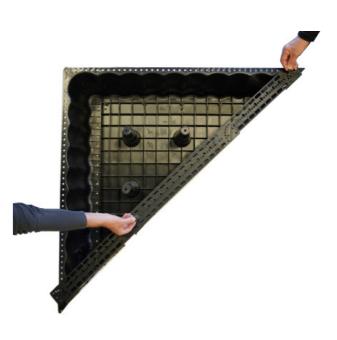


Cut the marked section out from the CLEVA POD®

HANDY TIP: Two CLEVA COMB™s can be joined together using the CLEVA PLUG™s to bridge the full diagonal cut of a CLEVA POD[®]







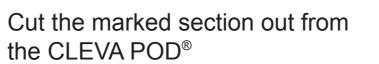
Place the CLEVA COMB[™] across the exposed face of the CLEVA POD[®], push the CLEVA COMB[™] firmly down into the grid securing the CLEVA COMB[™] teeth into the pods structural grid and connect into the pre-drilled base flange using the CLEVA PLUG™s.

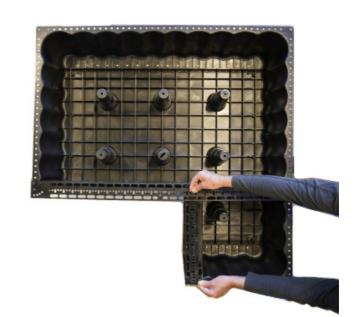
How to resize the CLEVA POD[®] with an Internal Cut out



Measure and mark the area that needs to be cut out.







Measure and cut the CLEVA COMB™s to cover the exposed faces of the CLEVA POD[®], push the CLEVA COMB[™] firmly down into the grid securing the CLEVA COMB[™] teeth into the CLEVA POD[®] structural grid and connect into the pre-drilled base flange using the CLEVA PLUG™s.

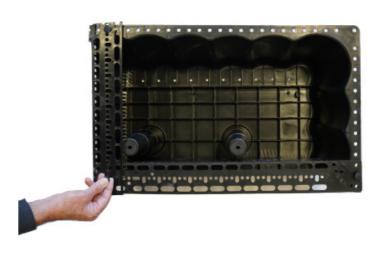


HANDY TIP: Cutting Equipment: We recommend the use of Fine Tipped Handsaws, Angle Grinder with a universal blade or reciprocating Saw.



Measure and mark the area that needs to be cut out.

Cut the marked section out from the CLEVA POD®



Measure and cut the CLEVA COMB™s to cover the exposed faces of the CLEVA POD[®], push the CLEVA COMB™ firmly down into the grid securing the CLEVA COMB[™] teeth into the CLEVA POD® structural grid and connect into the pre-drilled base flange using the CLEVA PLUG™s.





Sizing and cutting a small POD

EXERCISE OF COD[®]

How to cut a Side Wall Penetration



Measure and mark the area that needs to be cut out.

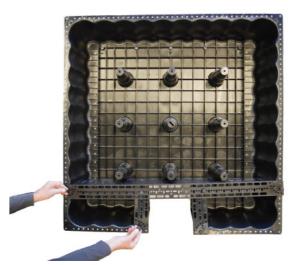


Cut the marked section out from the CLEVA POD[®].



Measure and cut the CLEVA COMB[™]s to cover the exposed faces of the CLEVA POD[®].





Push the CLEVA COMB[™] firmly down into the grid securing the CLEVA COMB[™] teeth into the CLEVA POD[®] structural grid and connect into the pre-drilled base flange using the CLEVA PLUG[™]s.





Measure and mark the area that needs to be cut out.



Cut the marked section out from the CLEVA POD[®].



The point load area exposed in the CLEVA POD[®].

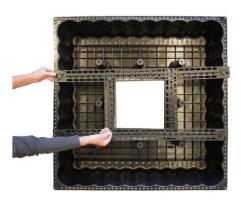


Measure and cut the CLEVA COMB™s to cover the exposed faces of the CLEVA POD[®].





How to cut out and set a point load



Push the CLEVA COMB™ firmly down into the grid securing the CLEVA COMB™ teeth into the CLEVA POD® structural grid and connect into the pre-drilled base flange using the CLEVA PLUG™s.

EXERCISE OF COD[®]

How to construct a step down CLEVA POD®







Measure 100mm from the base flange and mark around the circumference of the CLEVA POD[®] skirt. HANDY TIP: Make a 100mm high template to assist mark around the CLEVA POD[®] skirt.

Cut around the marked section over the circumference of the CLEVA POD[®] skirt.





The base of the CLEVA POD[®] skirt separated from the cut CLEVA POD[®].

ECLEVA POD[®]

How to construct a step down CLEVA POD®



To reduce the CLEVA POD[®] down to the 150mm Step Down height, cut all the CLEVA POD[®] legs off at the 1st cone marking.





Place the 100mm high skirt over the cut down CLEVA POD[®].

Drill 8mm holes through the cut down skit and the CLEVA POD[®] base and connect using the CLEVA PLUG[™]





If a cut down baffle is required for a shortened pod, measure 100mm up from the base of the CLEVA COMB[™] teeth.

How to construct a step down CLEVA POD®







Cut the CLEVA COMB[™] along the 100mm marked line.

Drill 8mm holes through the precut holes at the top of the CLEVA COMB[™] and for additional support drill two more through the CLEVA COMB[™] lower down the face and join the two pieces together using the CLEVA PLUG™.

Push the CLEVA COMB[™] firmly down into the grid securing the CLEVA COMB[™] teeth into the CLEVA POD[®] structural grid and connect into the pre-drilled base flange using the CLEVA PLUG™s.



HANDY TIP: When constructing a Step

Down ensure that you tape the cut legs to avoid sharp edges puncturing the membrane.



Cutting Table Base 1450mm(L) x 1200mm(W) 18mm Plywood





Cut a base table from 18mm plywood or similar: 1450mm x 1200mm.



Add two guide rails of 45mm x 20mm or similar down either side of the base table ensuring CLEVA POD[®] fits snuggly between guide rails.



Before securing the guide rails with 32mm self-tapping wood screws, ensure the CLEVA POD[®] fits snuggly between the guide rails.

SPECIAL NOTE: **Cutting Equipment:** We recommend the use of a STIHL TSA 230 Battery Concrete Saw or similar.



CLEVA POD Cut Out Slots



Measure 1020mm along both edges and cut two 30mm wide x 150mm long cutting slots into the cutting table.



The cutting slots are 30mm wide x 150mm long.





The Saw cuts cleanly through the CLEVA POD[®] and passes down through the cutting slots.



Place the CLEVA POD[®] Cutting Table onto of two portable Sawhorses.

Contact Information



info@clevaco.com.au



Andrew +64 21 669 528 Grant +64 27 475 5907



PO Box 589 Sunshine, Victoria Australia 3020



www.clevaco.com.au www.clevapod.com.au



555 Somerville Road Sunshine West, Melbourne Victoria, Australia 3020

A Circular Foundation for the Future





