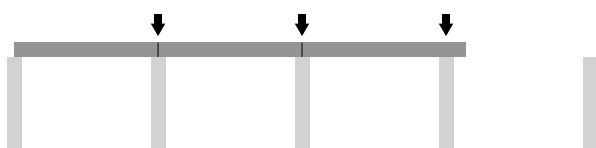


HOW TO INSTALL GUIDE

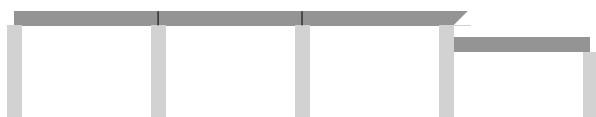
TOOLS REQUIRED

- Sliding compound mitre saw
- Hand saw
- Tape measure
- Marker/pencil
- Cleaning gear
- Caulking gun
- String line
- Appropriate PPE

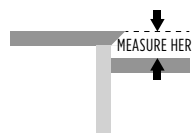
1. Thoroughly wash every point of contact where your Capping system will adhere to the retaining wall. This includes the steel posts (outside face & internal webbing) & the topside of the concrete sleepers.
2. Allow the retaining wall to completely dry.
3. Once dried, thoroughly wipe down & clean every point of contact with a Multisolve degreaser. Again, this includes the steel posts & the topside of the concrete sleepers.
4. Once your retaining wall is cleaned & prepared its time to measure & cut the individual pieces of your Capping system as required.
5. Lay all 'Capping Members' over the top of the retaining wall.
6. Mark & cut each 'Capping Member' to align with centre of each post.



7. Where the retaining wall steps down or changes height, ensure the final 'Capping Member' is cut to overhang the post by the thickness of the 'Capping Member' in use (eg. 100UC 'Capping members' are 70mm thick/ final 'Capping Member' should be cut with 70mm overhang/ If 'Post Covers' are in use, ensure your overhang is measured from the outside edge of the 'Post Cover' rather than the post.
8. Once cut with the appropriate overhang, set your saw to make a 45 degree mitre cut.



9. Cut the end of the overhanging 'Capping member' (remember 'Capping members' have a front & a back side/ before you make your mitre cut ensure your Capping member is facing the right direction & marked correctly/ see 'Hints & Tips' on how to determine the frontside of a 'capping member').
10. Now measure & cut the 'Step down insert'. 'Step down inserts' should be measured from the topside of the lower 'Capping member' to the topside of the upper 'Capping member'.



11. Once measured, cut the 'step down insert' with a square cut to the appropriate length.
12. Reset saw to 45 degrees & make mitre cut to the topside of your 'step down insert'.
13. The 'Step down insert' should fit snug with your pre-cut overhanging 'Capping member'.
14. Once all 'Capping members' & 'Step down inserts' have been measured & cut you can now loosely fit your capping system in place over the top of your retaining wall & double check all your pieces fit together snug (should be millimeter perfect).



15. If 'Post covers' are in use now is the perfect time to measure & cut your 'post covers'.
16. To achieve the best aesthetics, 'Post covers' should be measured long enough to be buried slightly below the surrounding ground level. This will ensure the cuts go unnoticed.
17. Now you're ready to glue/adhere your capping system into position.
18. Start at the lower section of the retaining wall & only adhere manageable sections of your 'Capping system' at one time.
19. We recommend being liberal with the application of the adhesive to ensure maximum bond potential. Don't forget to thoroughly clean all contact surfaces of the retaining wall (concrete sleeper, steel posts) with a multisolve degreaser/cleaning agent before applying adhesives.
20. Every point of contact the 'Capping system' has with the retaining wall should be thoroughly glued (concrete sleepers & the steel posts).
21. Each piece of the 'Capping system' should also be glued together at each of its points of contact.

(continued overleaf)

22. The 'Step down inserts' should be adhered to the internal section of the steel post (packers can be used here to minimise adhesive).
23. We recommend weighing down, chocking & or clamping the 'Capping system' in place, if & where required, until the adhesive has completely set.
24. Make sure to use a string line on all straight runs of Capping to achieve the best results.
25. Once the adhesive has set, apply silicone to all of the cuts & joins of the 'Capping system' for a seamless finish.
26. Use a quality clear, paintable, exterior silicone.
27. Use masking tape or painters tape to prevent mess with silicone.
28. Limit silicone to the joins & cuts as much as possible.
29. Prevent smearing silicone over the textured sand finish of the 'Capping system' for best results.
30. Clean off all excess silicone thoroughly.

CONGRATULATIONS. You are ready for paint.

HINTS & TIPS

(PLEASE READ CAREFULLY)

CLEANING: every point of contact where your capping system is adhered to your retaining wall should be thoroughly washed down, wiped clean & then allowed to completely dry. A multisolve degreaser should then be used to wipe down the posts & the top coarse of the concrete sleepers before the adhesive is applied (multisolve is a degreaser that self evaporates so you don't need to clean it off afterwards). Cleaning the posts & the top of the concrete sleepers with multisolve degreaser is very important. Do not skip this step.

CUTTING: we recommend all initial cuts be exaggerated by 5mm & then tested to fit their surrounding pieces. Once tested, each piece can be trimmed back until a perfect cut is achieved.

DON'T GLUE TO SOON: do not adhere any piece of your conceal capping system until every cut has been made. This will allow minor adjustments to be made if & where necessary, should they be required.

IDENTIFYING THE FRONTSIDE OF A CAPPING MEMBER: the frontside of a 'capping member can be easily identified by taking a look at it's underside. The underside of the 'capping member will show a cut out section which is designed to receive the top of the posts. The cut out in the 'capping member' is off center & is positioned toward the rear of the 'capping member' leaving the larger portion to overhang the frontside of the retaining wall.

PAINTING: we recommend painting your capping system with 2 coats of paint before the installation takes place. Touch ups can be made & a final coat upon completion. Please check terms & conditions for recommended paints.

RECOMMENDED ADHESIVES: we recommend only high quality adhesives be used such as: Sika (stick & seal), Liquid Nails (heavy duty/extreme strength), Selley's (hold up)

PPE: all appropriate PPE should be worn at all times during the installation process.

ADDITIONAL REQUIREMENTS: where the 150uc, the 200uc & the 250uc capping systems are being installed, steel angle should be welded to the topside, rear face of the posts. This will provide the capping system with additional surface area to adhere to whilst also providing additional strength to the finished product.

TERMS & CONDITIONS

Conceal is pleased to provide a one year manufacturers warranty, for manufacturing faults & defects only, provided all of the terms & conditions are met. Unfortunately the warranty cannot be extended to any part of the installation of your capping system as poorly designed & constructed retaining walls will have a negative effect on the capping system.

Conceal takes no responsibility for any faults caused by improper or incorrect installation. Conceal should not be painted with dark colours where the retaining wall is positioned in full sun/direct sunlight. We recommend only high quality, heat reflective outdoor paints be used. Three coats of high quality, heat reflective, outdoor paint should be applied for best results.

Where turf/grass is laid up to your retaining wall we recommend garden edging be put in place in front of post covers to avoid damage from whipper snippers.

Conceal should not be installed over poorly constructed retaining walls. Only recommended glues/ adhesives should be used such as: Sika (stick & seal), Liquid Nails (heavy duty/extreme strength), Selley's (hold up). Where the product has been cut resulting in exposed polystyrene, the exposed polystyrene should be painted with three coats of paint to reseal the product. Keep the capping system well clear of any open flame & or anything that may emit extreme heat such as outdoor heaters, pizza ovens, barbecues, fire pits etc.