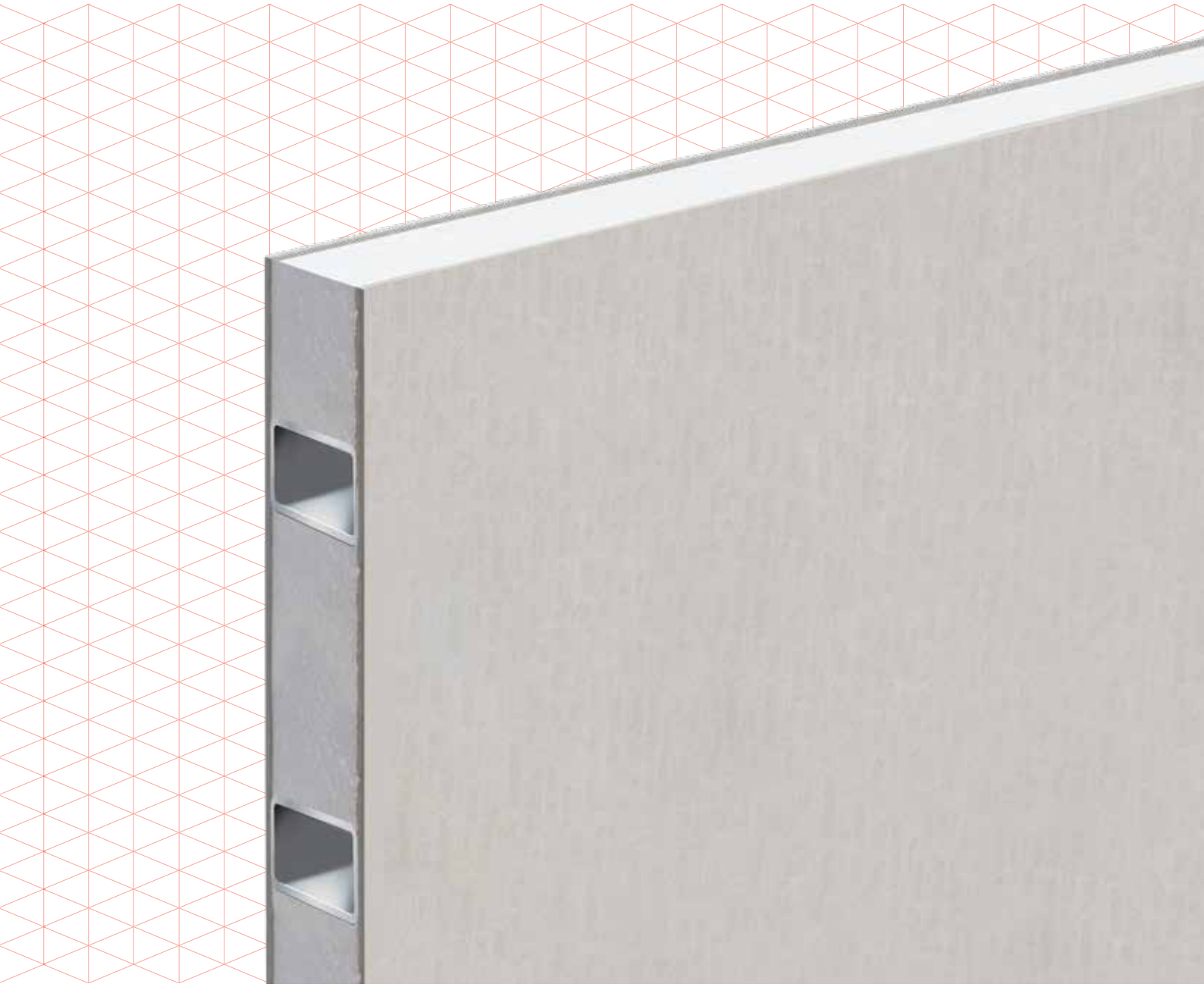
INSTALLATION GUIDE

TERRAFIRM®



MODULARWALLS®

THANK YOU FOR CHOOSING ONE OF OUR QUALITY PRODUCTS. WE ARE THE INDUSTRY LEADERS IN COST EFFECTIVE RETAINING, ACOUSTIC AND BOUNDARY WALLS. THIS PRODUCT WILL STAND THE TEST OF TIME AND WITHSTAND THE ELEMENTS IF INSTALLED IN ACCORDANCE WITH THESE GUIDELINES.

The success of your installation and longevity of the product rely on you performing and taking note of the following requirements and recommendations.
The recommendations detailed by ModularWalls in this guide are formulated along the lines of good building practice. They form a "common-sense" approach and are not intended to be an exhaustive statement of all the relevant data.
Further, as the success of projects depend on factors outside the control of ModularWalls (e.g. quality of workmanship, particular design, detail requirements, etc.), we accept no responsibility for, or in connection with, the quality of the projects or their suitability when completed.
If you are in any doubt please seek independent advice or contact ModularWalls. We are always happy and available to answer questions regarding installation procedures, no matter how small or insignificant you think they may be. 7 day technical and installation advice is available on 1300 556 957.

STEP 1:

SET YOUR SUPPORT POSTS IN POSITION

The posts would have been selected by using the post and footing guide within the drawing package

Slope the concrete away from the post then level off your foundation were the panel will contact to allow a flat bearing surface for the panel to rest on.

STEP 2:

PREPARE YOUR PANEL TO BE INSTALLED

You will have been supplied a Stainless-Steel base channel. Install this over the base of the panel prior to panel installation.

NOTE: The base channel needs to have an adhesive (such as liquid nails or SikaFlex) applied to its internal radiuses before fitment – see pictures below.

See detail B within the drawing package.

STEP 3:

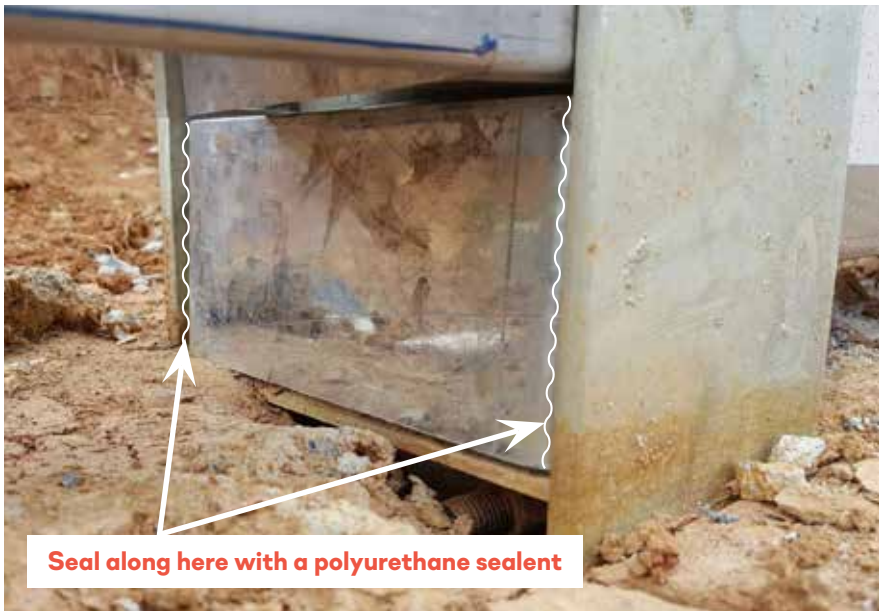
SETTING YOUR PANELS TO HEIGHT

It would be considered normal practice to leave the concrete lower than the finished panel height and to use shims between the concrete and the base of the panel.

NOTE: The shims must be the same width (or greater) as the panel and not allowed to only press in the middle of the base channel.

Alternatively, and as pictured below ModularWalls can press a profile that fits inside the post for the panel to rest on. This is commonly used when the panel is significantly elevated from the foundation height and shims would become unstable.

The profile, although a friction fit should be sealed into position to prevent it walking out.



CUTTING THE PANELS

The panels can be cut horizontally (to reduce height) in the areas as outlined on the drawing package. This can be achieved with a circular saw fitted with a blade suitable for cutting fibre cement.

To cut to length it is recommended the use of a 'Demo Saw' with a friction blade that will allow the saw to cut through both the Fibre Cement and the Steel Reinforcement in one pass.

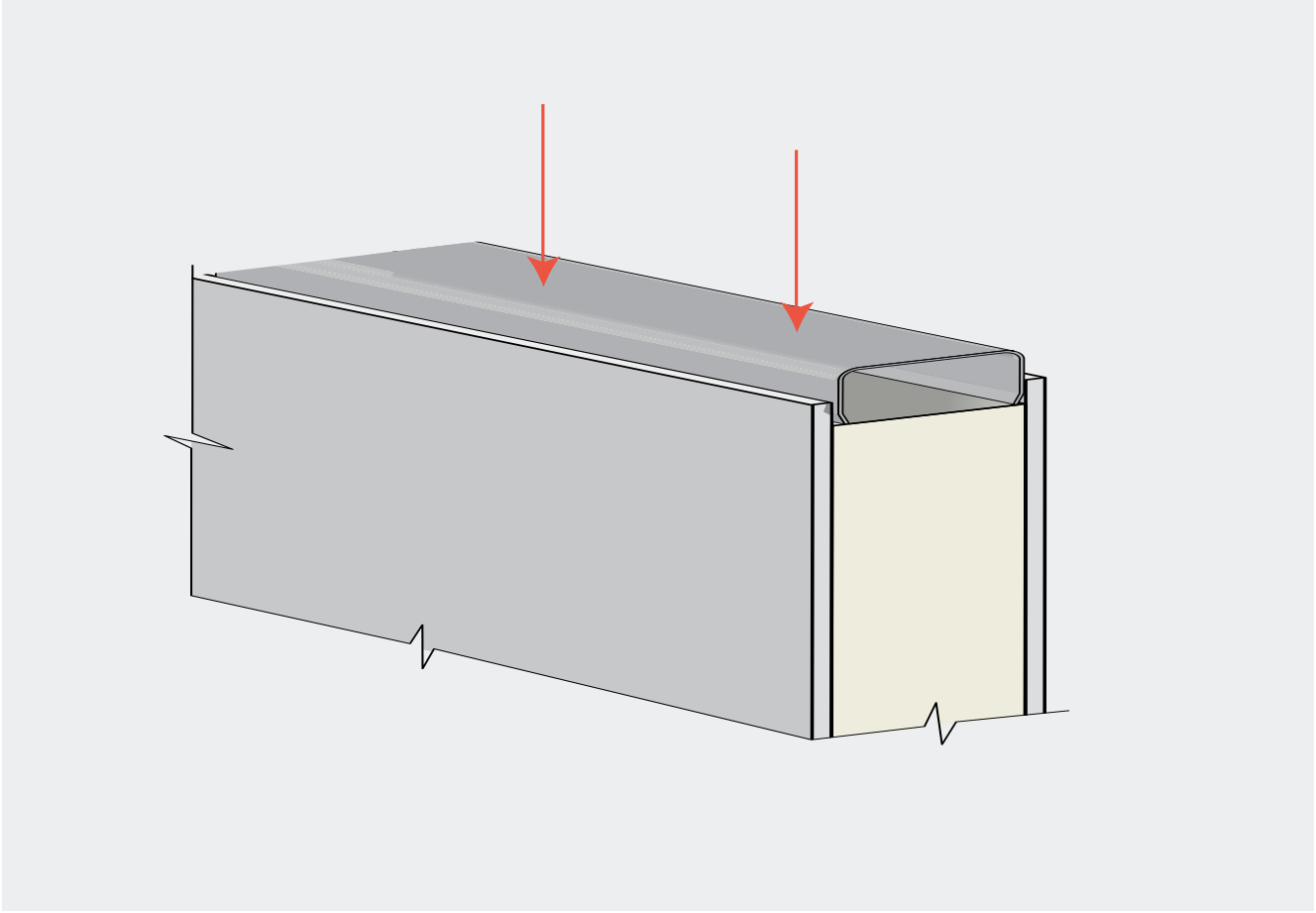
STEP 4:

STACKING CONSECUTIVE PANELS

SEE DETAIL C ON DRAWING PACKAGE

Use the supplied joining profile in-between the horizontal panel joints

NOTES: Once installed seal along these joints on the side of the wall that is to be back filled with a flexible polyurethane sealant such as SikaFlex Pro or similar.



STEP 5:

HOLDING YOUR PANELS IN POSITION BEFORE BACK FILLING

It is accepted that after back filling your panels will be held against the face of the post by the earth pressure. Prior to that you will need to provide chocks to hold the panel against this face. Timber chocks cut on site to be a knock in fit are acceptable as pictured below.

STEP 6:

TOP CAPPING

SEE DETAIL A ON DRAWING PACKAGE

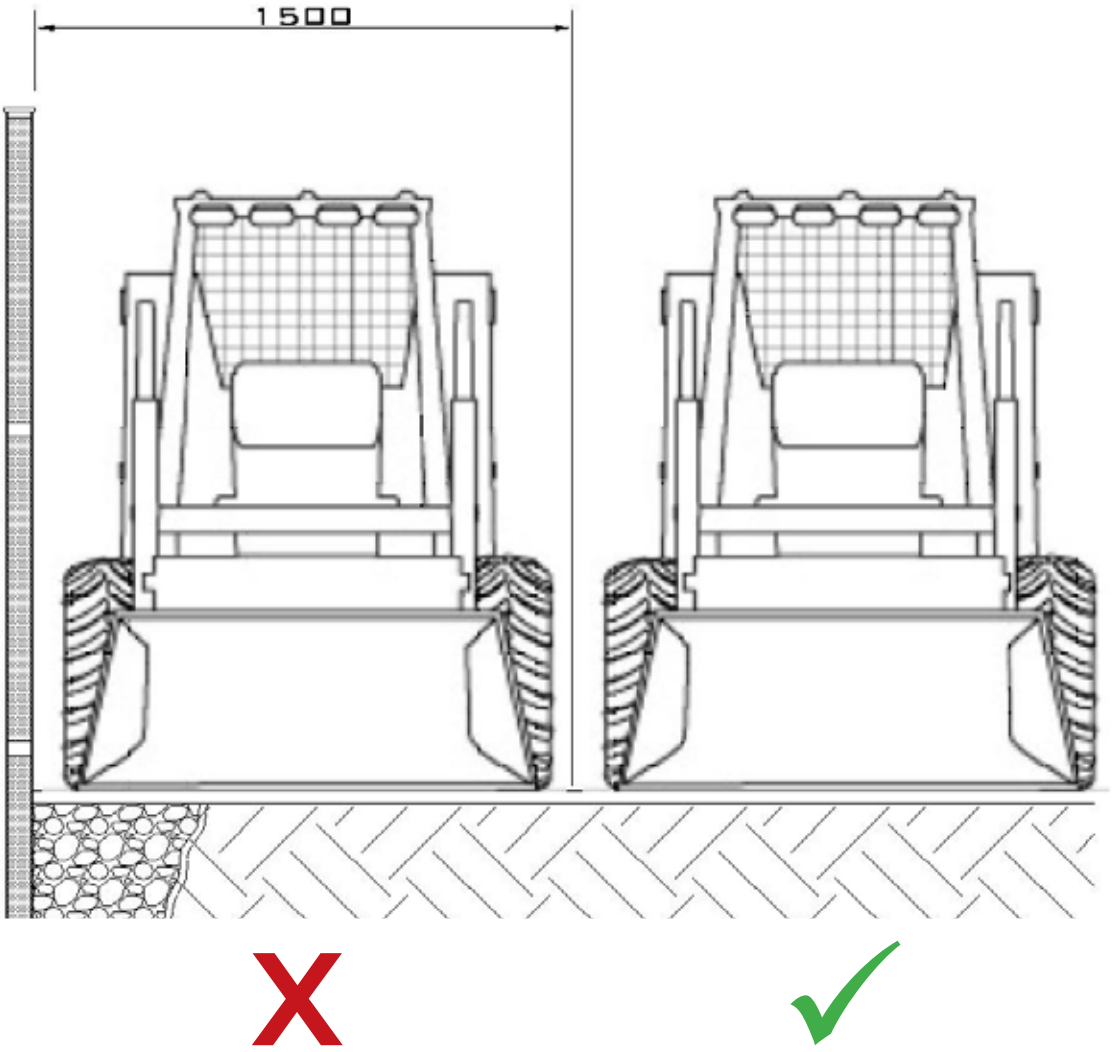
Your top capping will have been supplied oversize (in length). This is to allow it to be cut longer than the panel and span from WEB to WEB of your support posts – see pictures below.

Before pressing this capping into the panel apply a bead of liquid nails or SikaFlex to the underside of the capping where it will contact the fibre cement sheets.

STEP 7:

HEAVY MACHINERY AND EXCLUSIVE ZONE

Heavy machinery or loads should not be placed or driven within 1.5m of the retaining wall. This is a typical 'common sense' recommendation as different heights and back fill zones will vary this exclusion zone



STEP 8:

SEALING, DRAINAGE AND BACKFILLING

REFER DRAWING PACKAGE

STEP 8:

SEALING, DRAINAGE AND BACKFILLING

REFER DRAWING PACKAGE

NOTES:

WITH A REPUTATION FOR QUALITY AND INNOVATION, MODULARWALLS PROVIDED REVOLUTIONARY WAYS TO CREATE STYLISH AND COST-EFFECTIVE WALLS AND FENCING.

7 DAY A WEEK TECHNICAL AND INSTALLATION ADVICE IS AVAILABLE BY PHONING 1300 556 957 AND SELECT THE AFTER HOURS OPTION

www.modularwalls.com.au

MODULARWALLS®