HD FENCE®
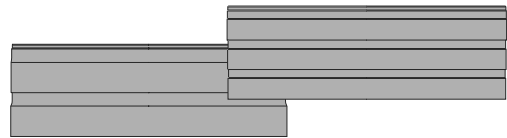
A **Composite Prime** Product
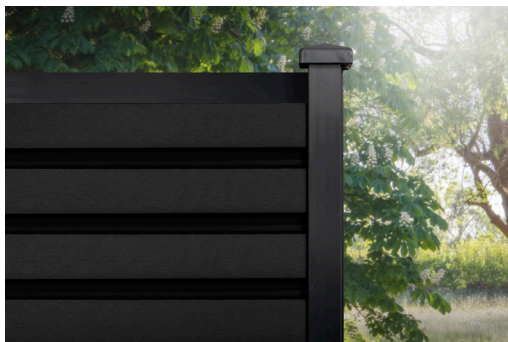
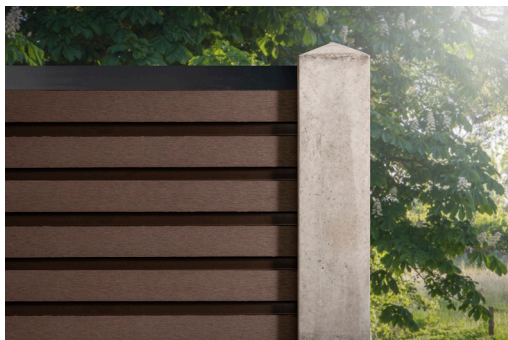# Fitting Guide

It is recommended that *HD Fence®* is installed as per this fitting guide.

Composite Prime®
NATURAL EVOLUTION

components overview_

Composite Prime®
Post Caps

Aluminium
Finishing Top Rail

Optional
Brackets
and Screws

Composite Prime®
Aluminium Fence
Posts

HD Fence®
Boards

Aluminium
Bottom Rail

HD Fence® Boards

Composite Prime® Aluminium Fence Post

Aluminium Finishing Top Rail

Aluminium Bottom Rail

Composite Prime® Post Cap

Fixing Bracket & Screws

Composite Prime® Aluminium Post Groove Cover

Composite Prime® Aluminium U Channel
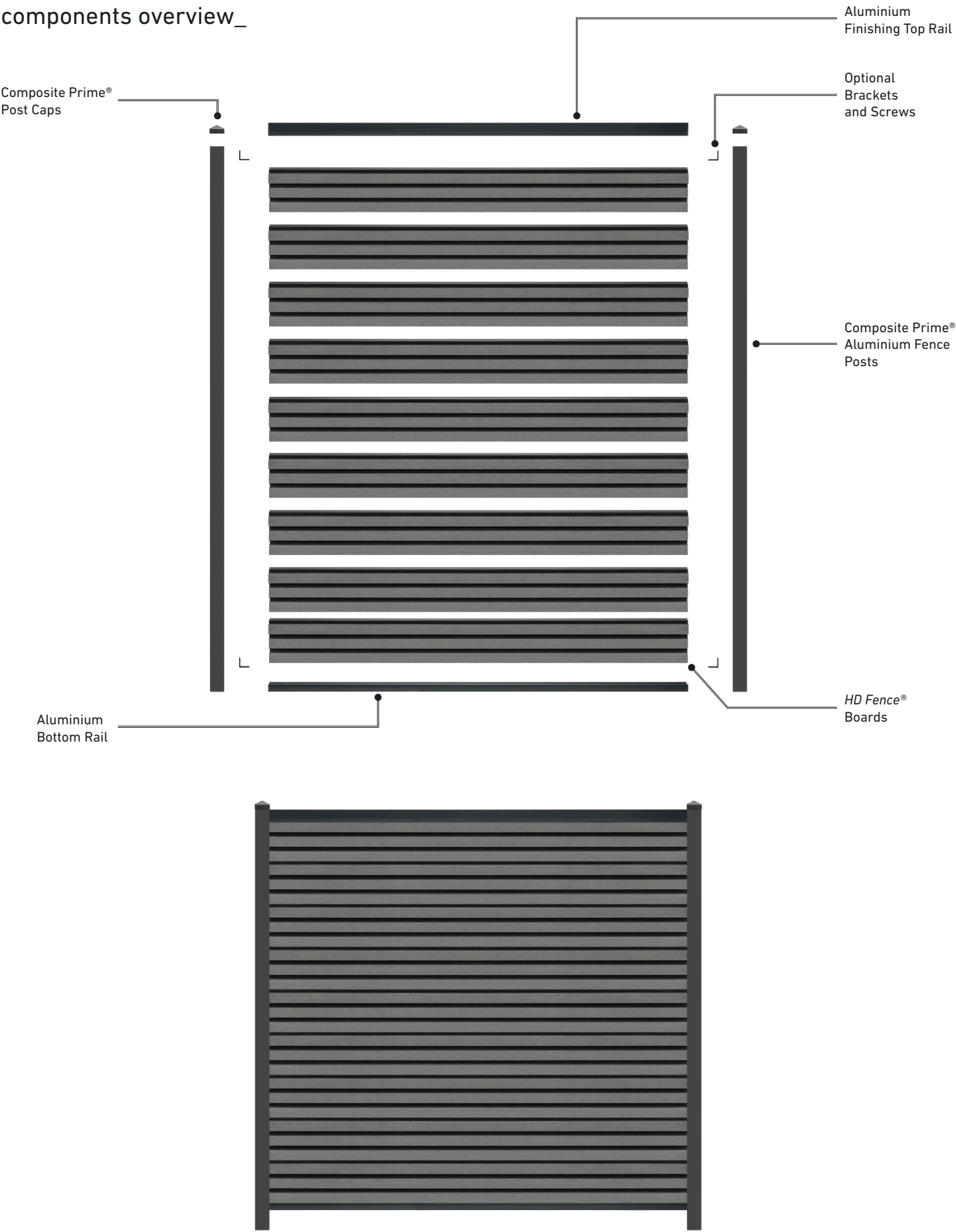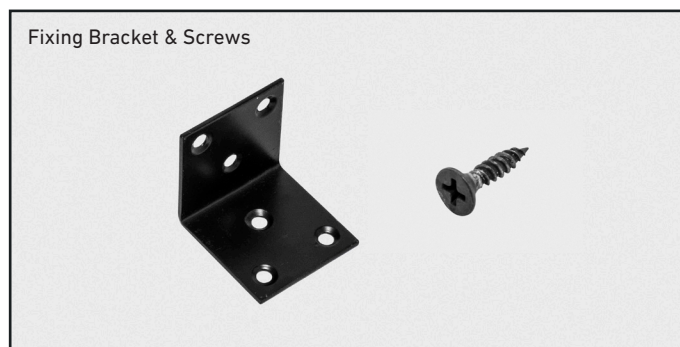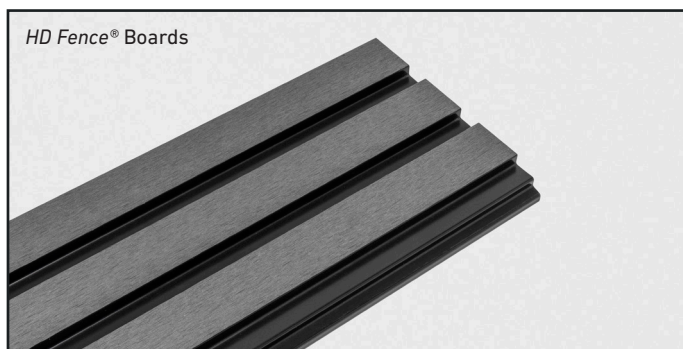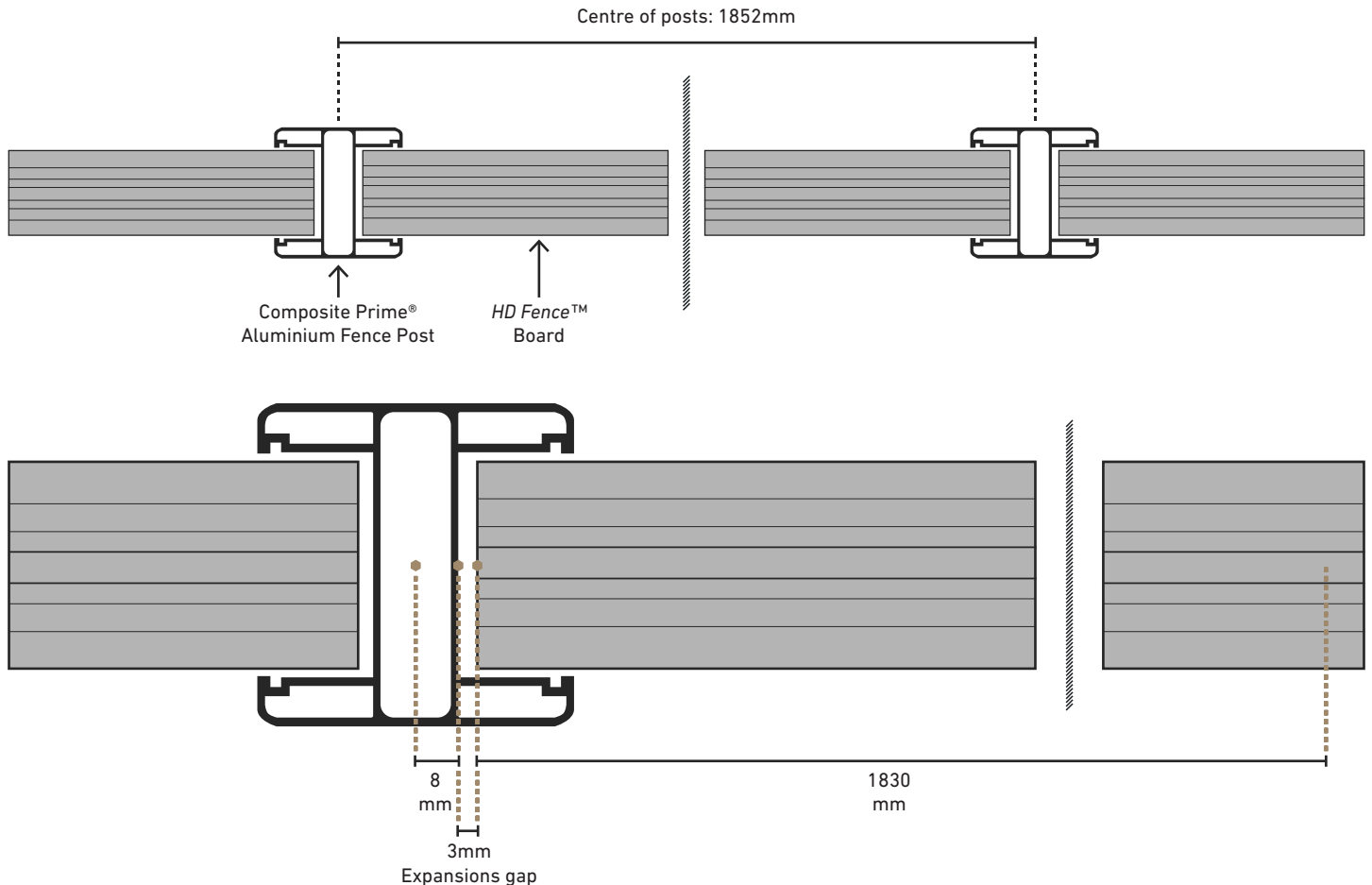
required tools_

Recommended tools to install *HD Fence®* :
• Stringline
• Tape measure
• Spirit level
• Hole digging equipment
• Hand saw / mitre saw
• Protective eye wear and gloves + relevant Personal Protection Equipment (PPE)
• If fitting fixing bracket power drill with 6mm drill bit

guidance on materials_

Step 1: Measure the length and height of your planned fence.

To work out how *HD Fence®* boards you will need divide the length of the fence / 1852mm.
This measurement is the total width of a panel including the centre of the posts as illustrated below.

Centre of posts: 1852mm

Composite Prime®
Aluminium Fence Post

HD Fence™
Board

8
mm

3mm
Expansions gap

1830
mm

As shown in the above diagram, the correct layout includes an expansion gap of 3mm between the *HD Fence®* boards and the Composite Prime® Aluminium Posts. This accounts for slight expansion during varying weather conditions.

Step 2: Calculate the height

Board Dimensions:
50 x 201.5 x 1830mm
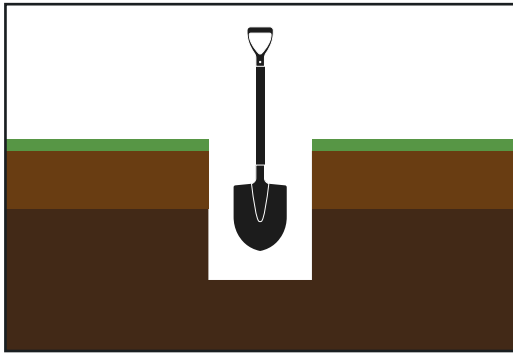(50 x 192.5 x 1830mm when installed)

1800 x 1800mm (6ft) panel consists of:
9 x *HD Fence™* Boards
1 x Aluminium Bottom Rail
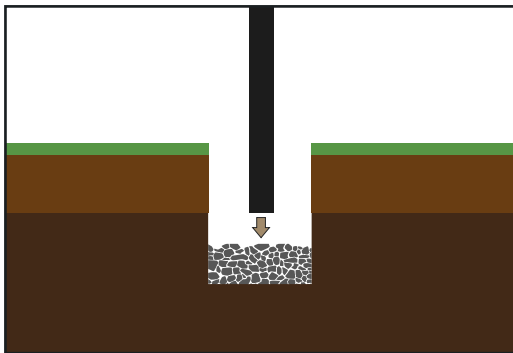1 x Aluminium Finishing Top Tail

To reduce the height of your desired fence, remove *HD Fence®* boards as required.
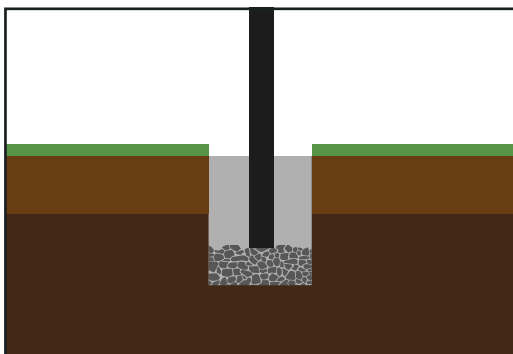
installation_

Step 1: Installing the posts

When digging the holes for the posts make sure that at least a minimum of 1825mm of the post is above the ground.

To prevent the post from sinking, pour some type 1 MOT aggregate into the bottom of the hole then place in the post making sure it's centre is 1852mm from the centre of the next post.

Now pour the concrete into the hole ensuring that the post is level. Leave the concrete to set. Repeat this process for all the posts making sure the fencing panels fit between all the posts.
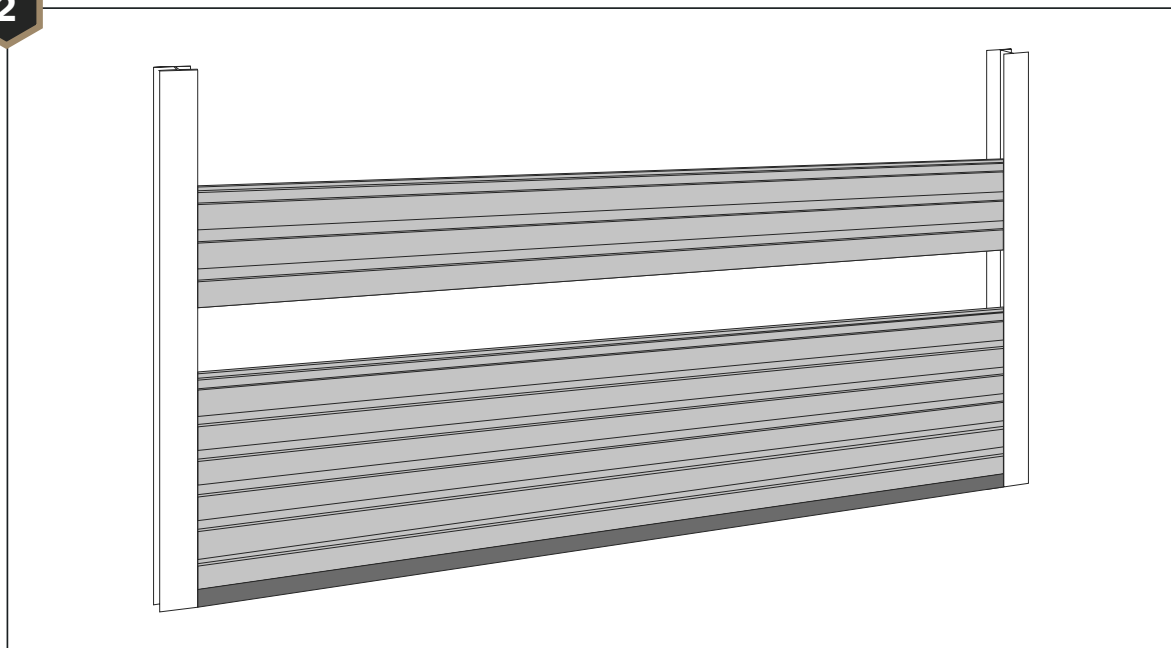
Step 2: Installing *HD Fence®*
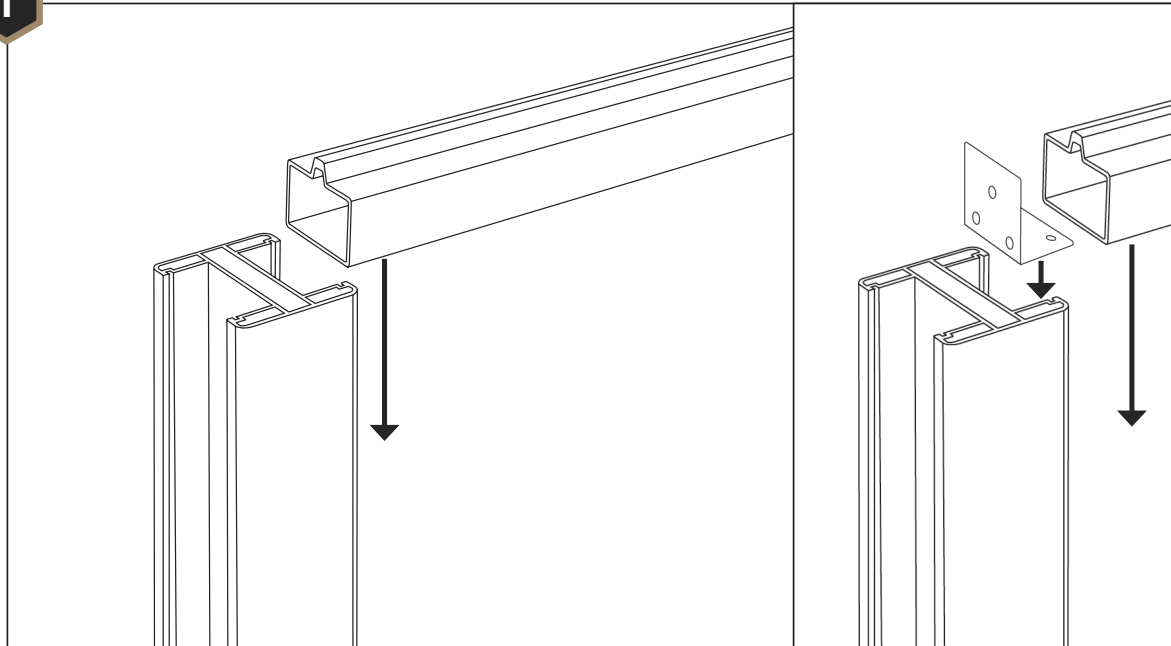
Place the Aluminium Bottom Rail between the Composite Prime® fencing posts and slide to the bottom.
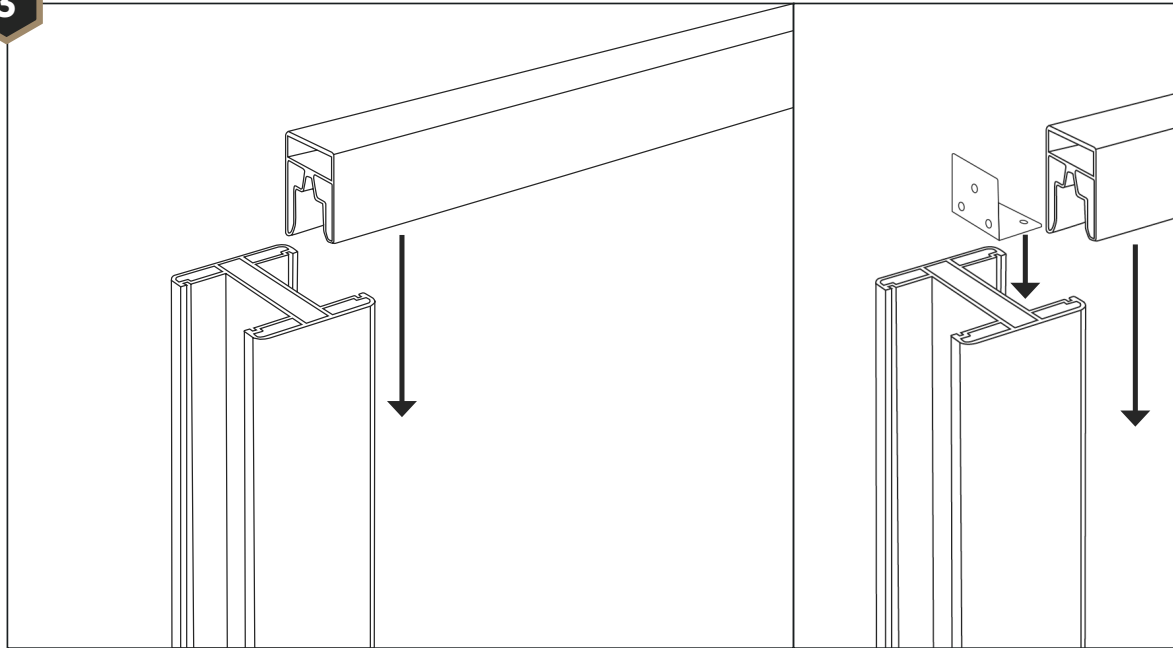
*Level with the optional Fixing Bracket and Screws.

Slide the *HD Fence®* boards in position, making sure the bottom one is level. Continue sliding in the boards until the panel is completed.
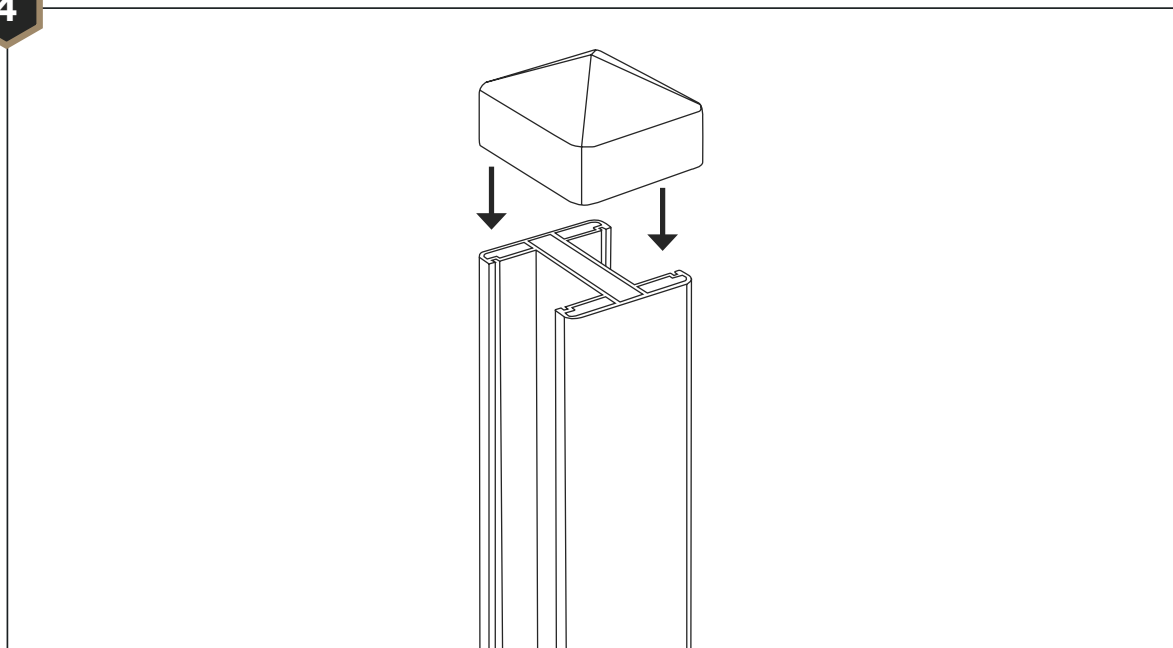
3

Once you fitted placing all the boards, finish the panel with the Finishing Aluminium Top Rail.
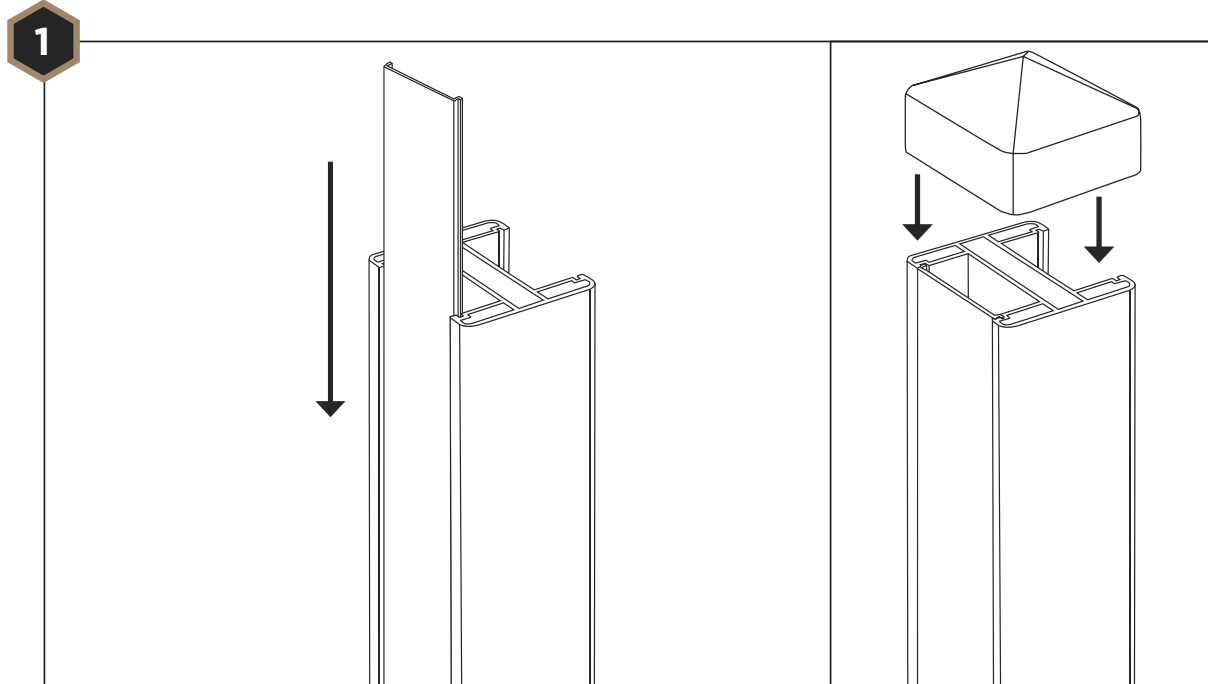
*Secure with the optional Fixing Bracket and Screws.

4

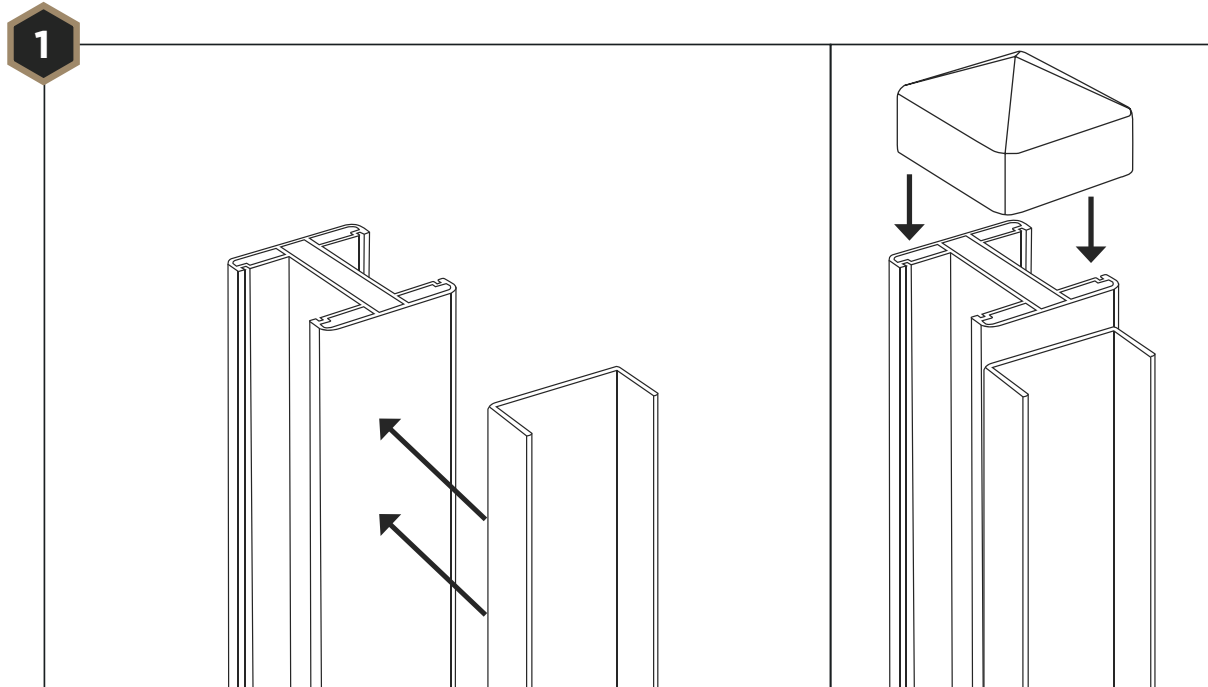Place Composite Prime® Post Caps on both posts.

Optional: Installing *HD Fence®* Post Groove Cover to create end post.

1

Slot the Aluminium Groove Cover into the side of the Composite Prime® fencing post and slide to the bottom.

*Once Groove Cover and Fence Boards are installed place Post Cap on the post.
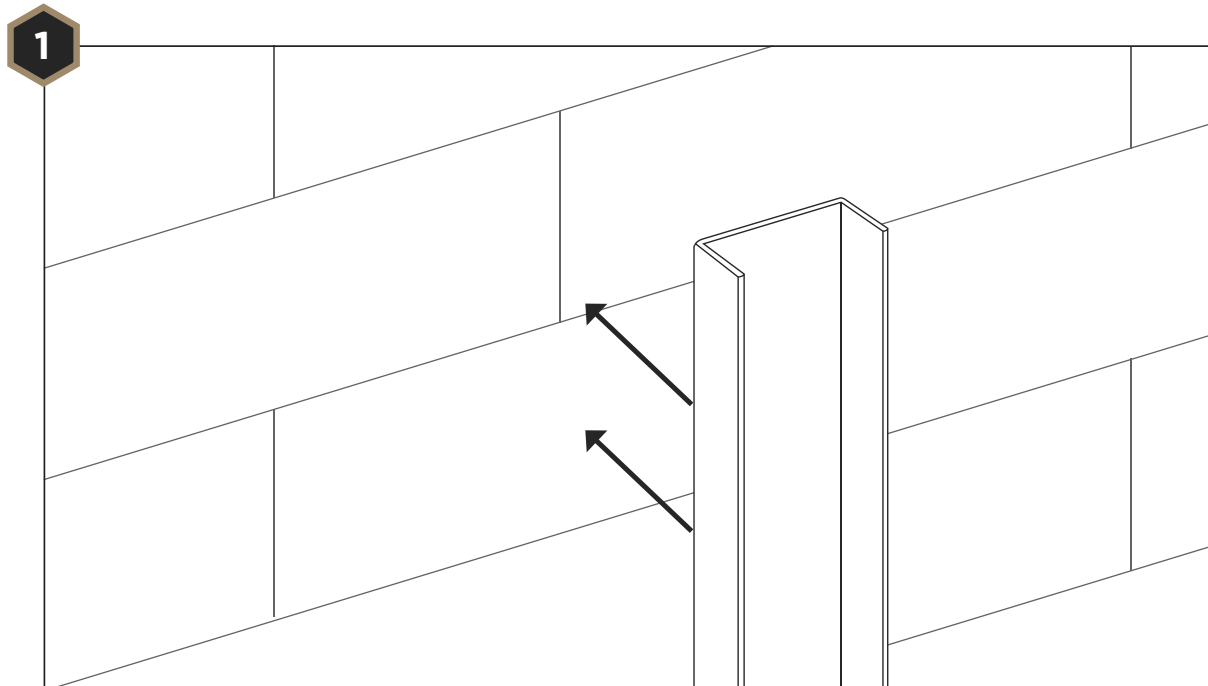
Optional: Installing *HD Fence®* U Channel to create corner post.

1

Place the U Channel onto the side of the Composite Prime® fencing post and fix with screws.
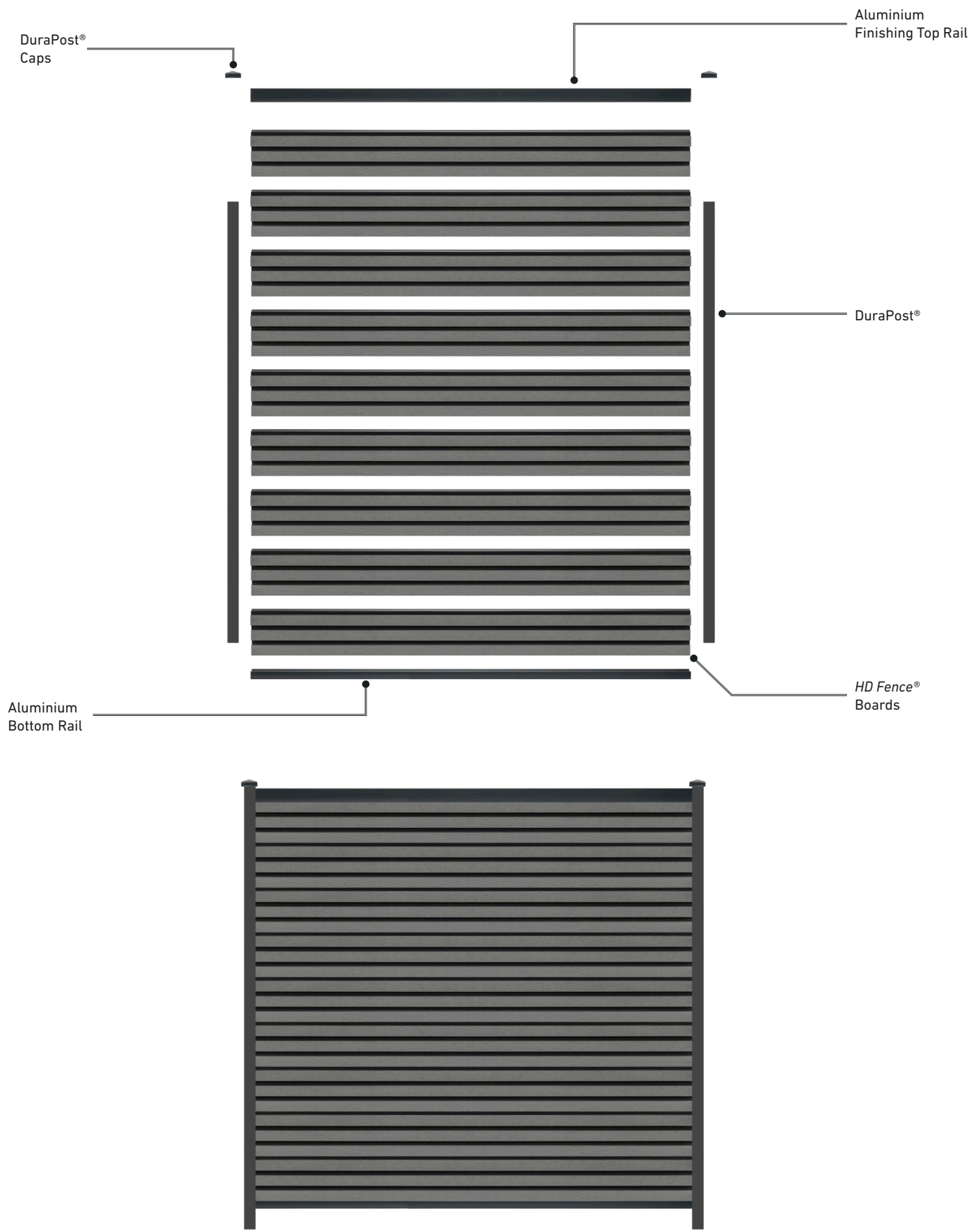
*Once U Channel and Fence Boards are installed place Post Cap on the post.

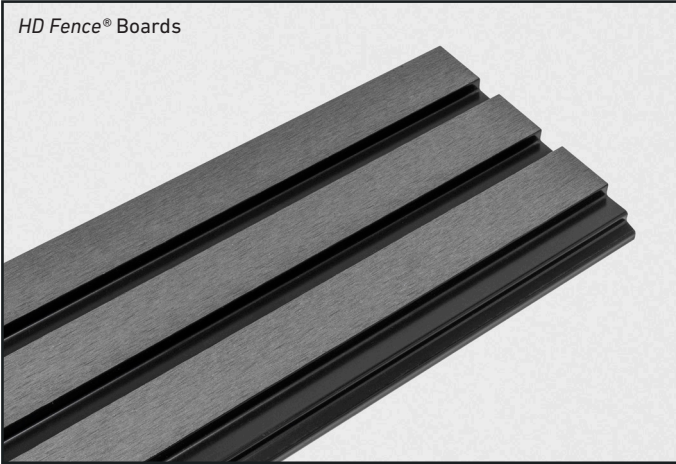**Optional:** Installing *HD Fence®* U Channel to start fence from solid structure.

1

Place the U Channel onto the side of the structure and fix with screws.

components overview_

DuraPost®
Caps

Aluminium
Finishing Top Rail

DuraPost®

HD Fence®
Boards

Aluminium
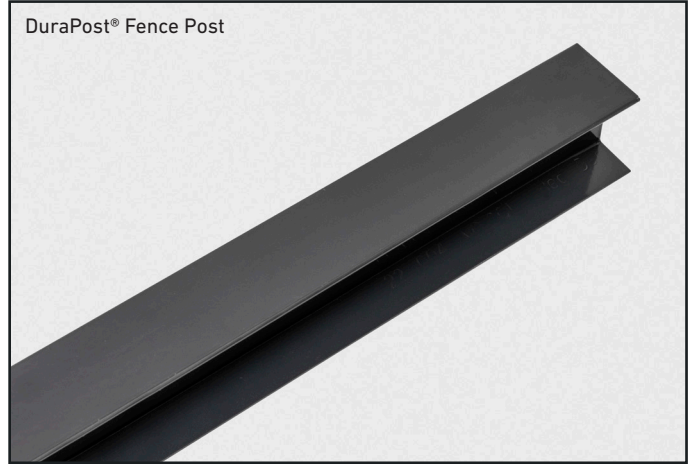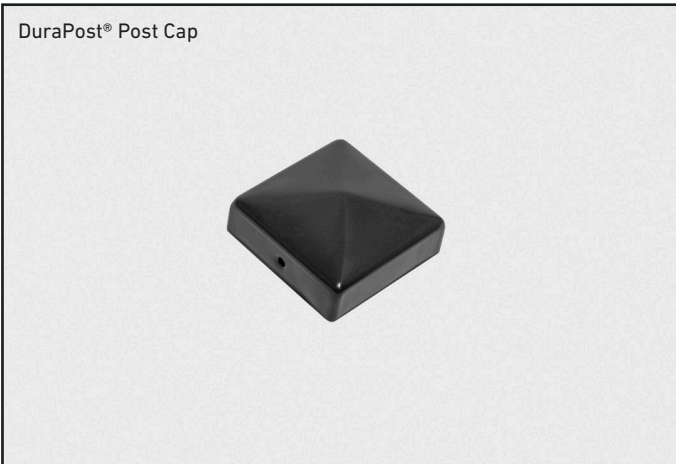Bottom Rail

HD Fence® Boards

DuraPost® Fence Post

Aluminium Finishing Top Rail

Aluminium Bottom Rail

DuraPost® Post Cap

Cap Fixing Screws
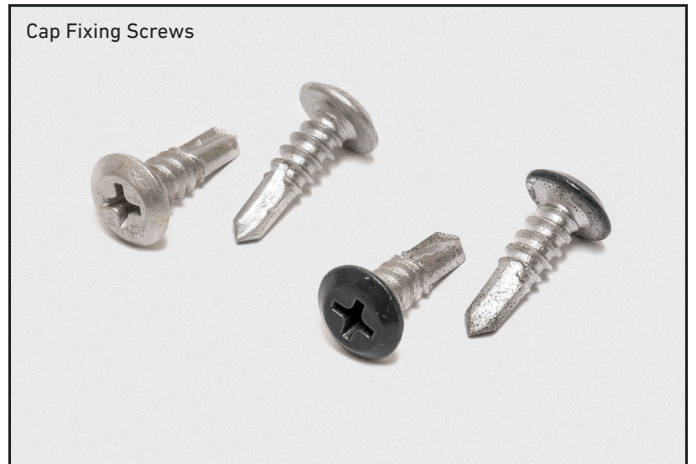
For additional information on fitting DuraPost® please visit:
www.birkdalesales.com/resources/installing-durapost-for-fence-panels

Step 2: Installing *HD Fence® with DuraPost®*

1

Place the Aluminium Bottom Rail between the DuraPost® fencing posts and slide to the bottom.

2

Slide the *HD Fence®* boards in position, making sure the bottom one is level.
Continue sliding in the boards until the panel is completed.

3

Once you fitted placing all the boards, finish the panel with the Aluminium Finishing Top Rail and secure with screw.

4
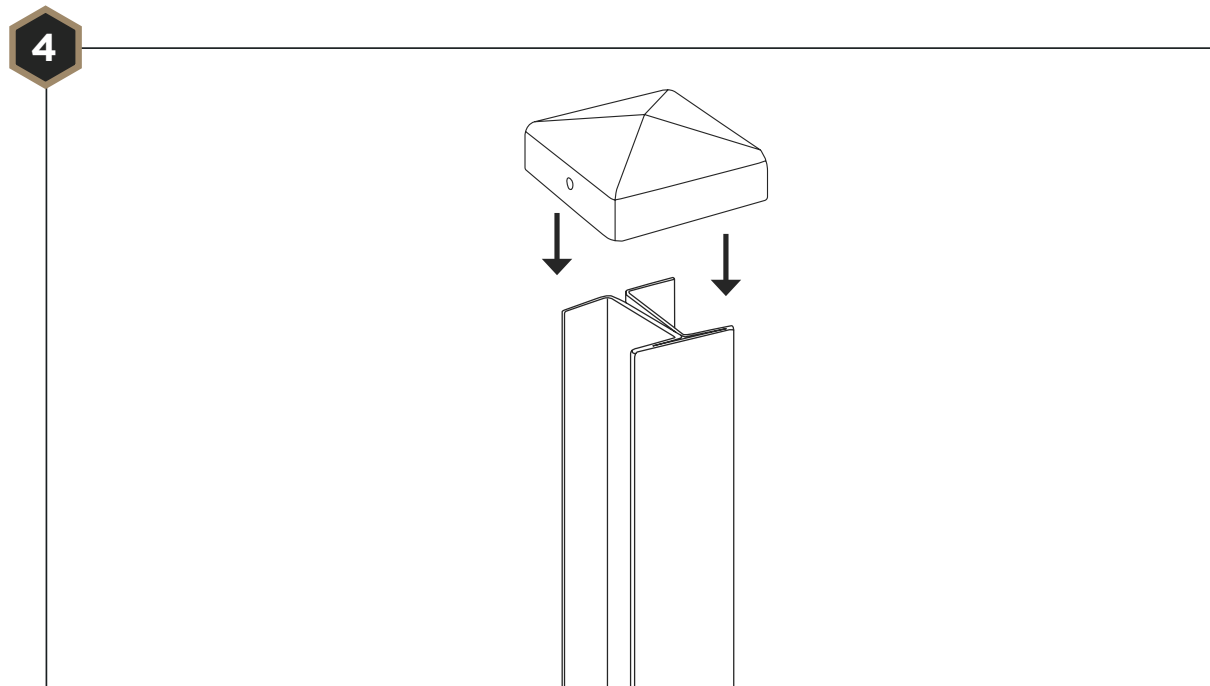
Place and fix DuraPost® caps on both posts.
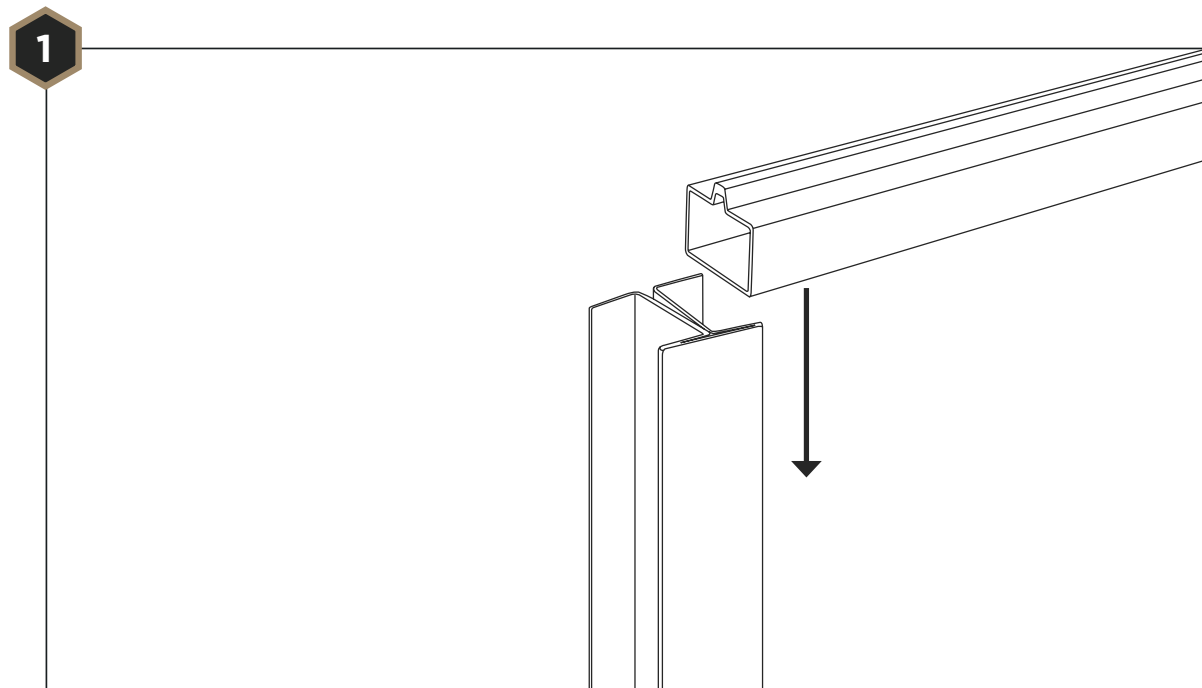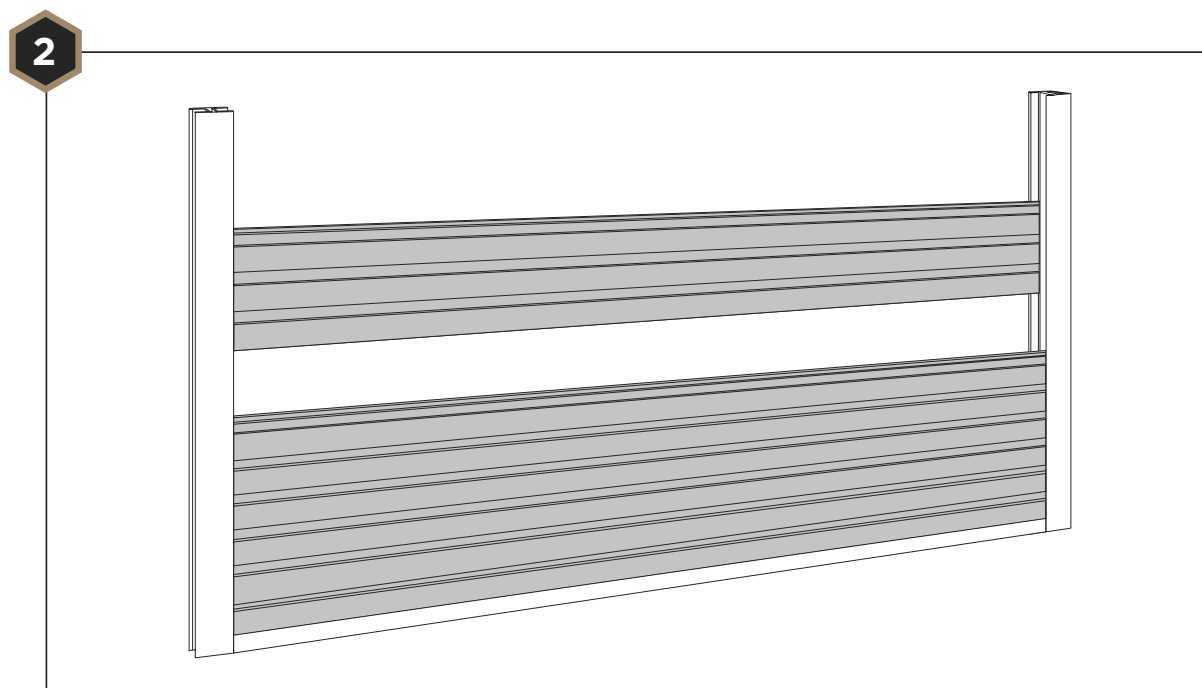
For additional information on fitting DuraPost® please visit:
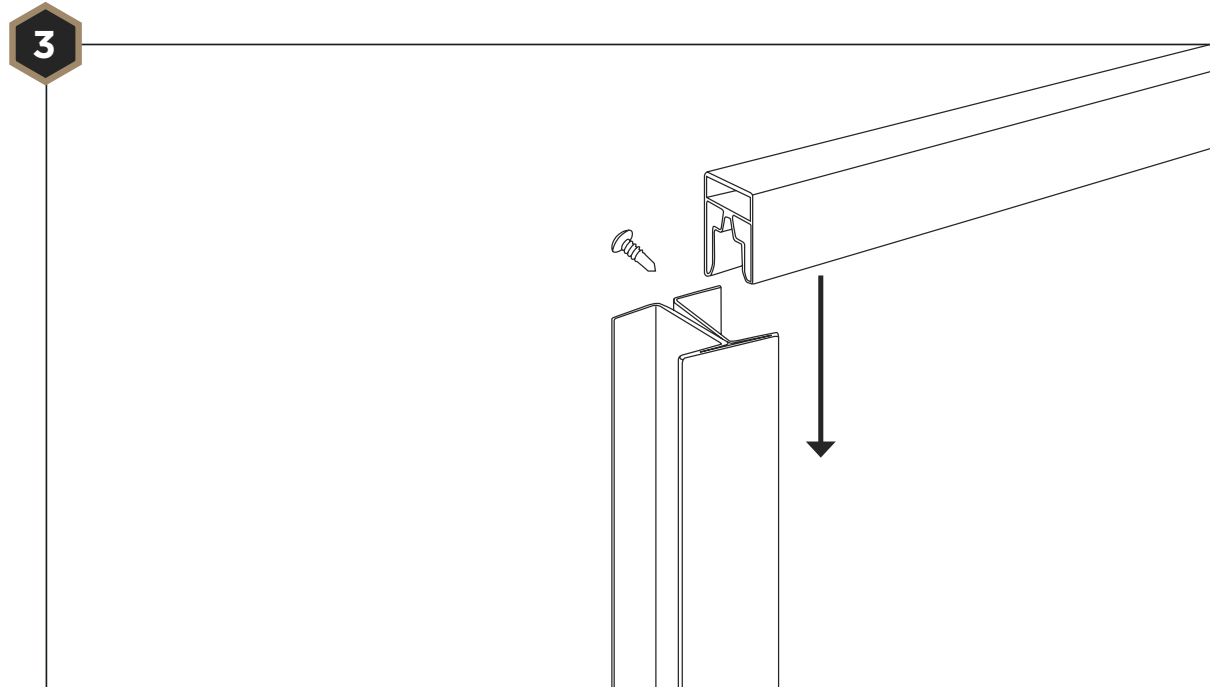**www.birkdalesales.com/resources/installing-durapost-for-fence-panels**

components overview_

Aluminium
Finishing Top Rail

Optional
Brackets

Concrete
posts

Aluminium
Bottom Rail
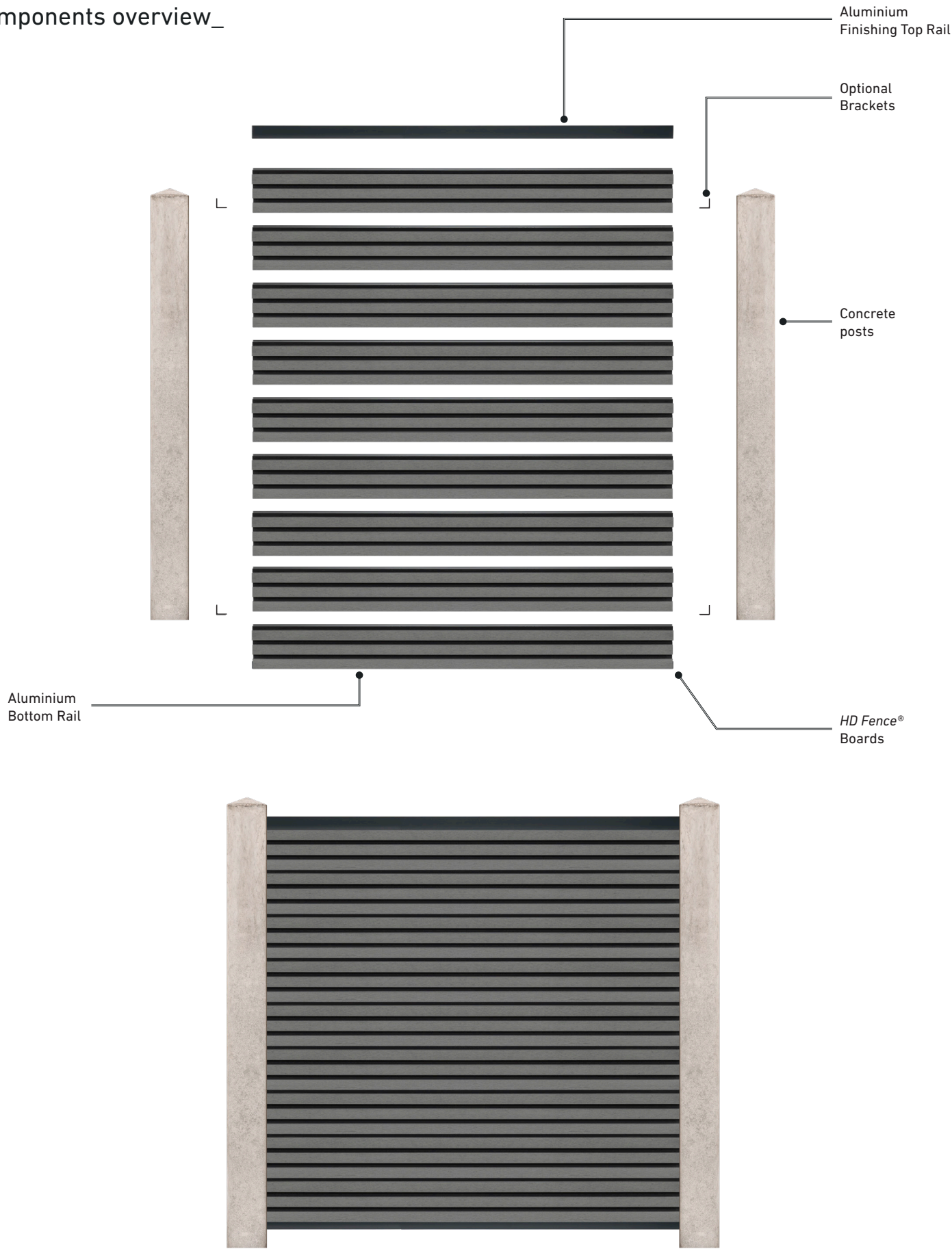
HD Fence®
Boards
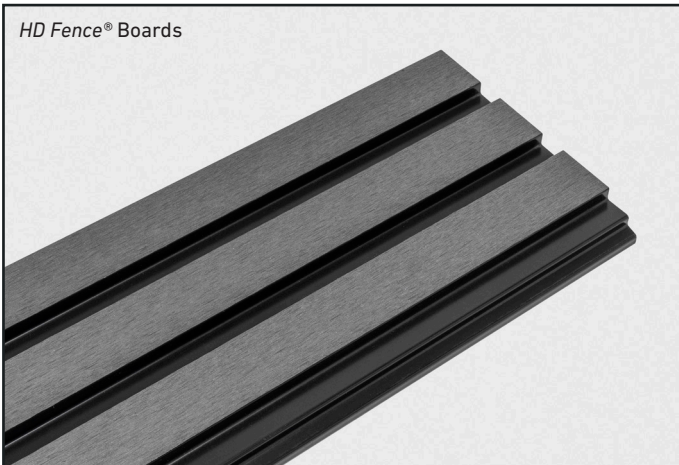
HD Fence® Boards

Existing Concrete Posts

Aluminium Finishing Top Rail

Aluminium Bottom Rail*

* If your existing concrete posts have gravel boards you do not require the bottom rail.

HD FENCE ®

Step 2: Installing *HD Fence® with existing concrete posts.*

1
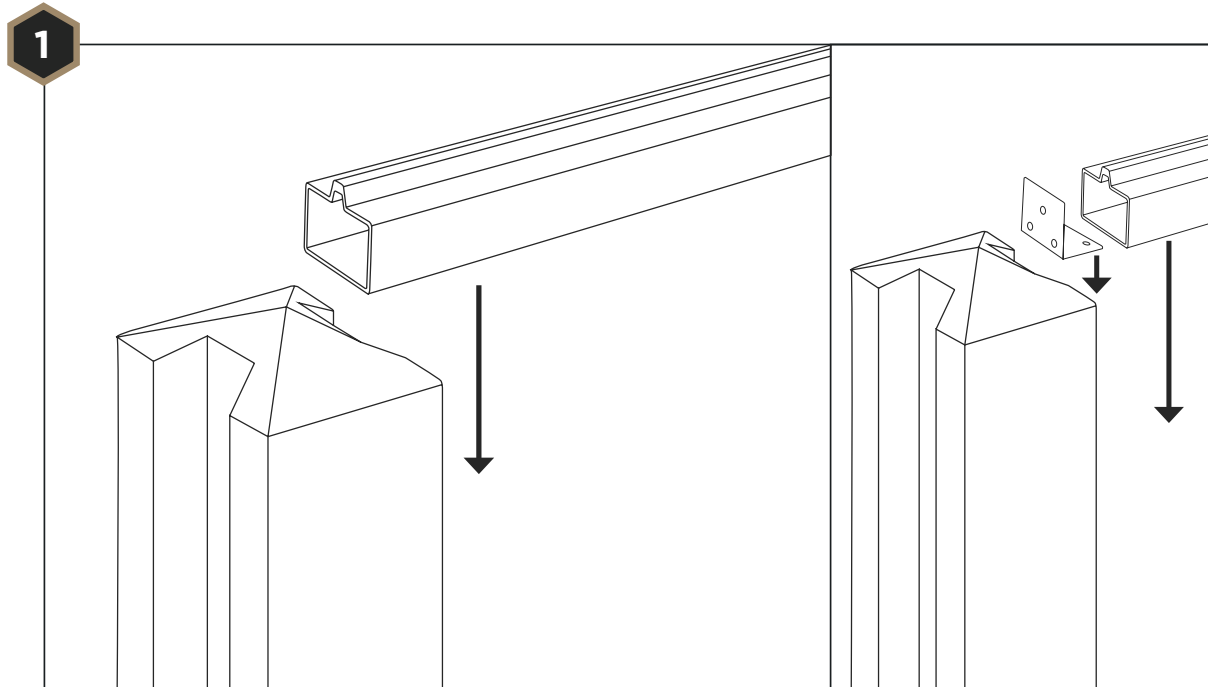
Place the Aluminium Bottom Rail between the concrete posts and slide to the bottom (not required if your existing concrete posts have gravel boards).

*Drill and fix plug the optional Bracket to level and secure the Bottom Rail
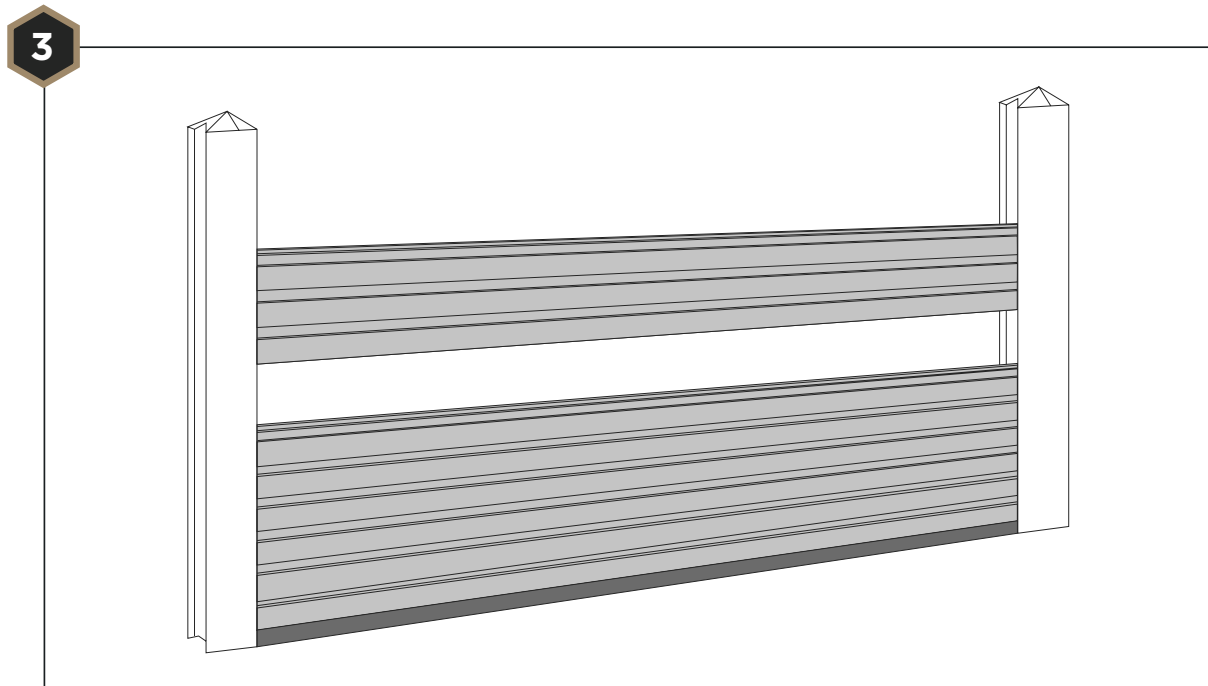
3

Slide the *HD Fence®* boards in position, making sure the bottom one is level. Continue sliding in the boards until the panel is completed.

3
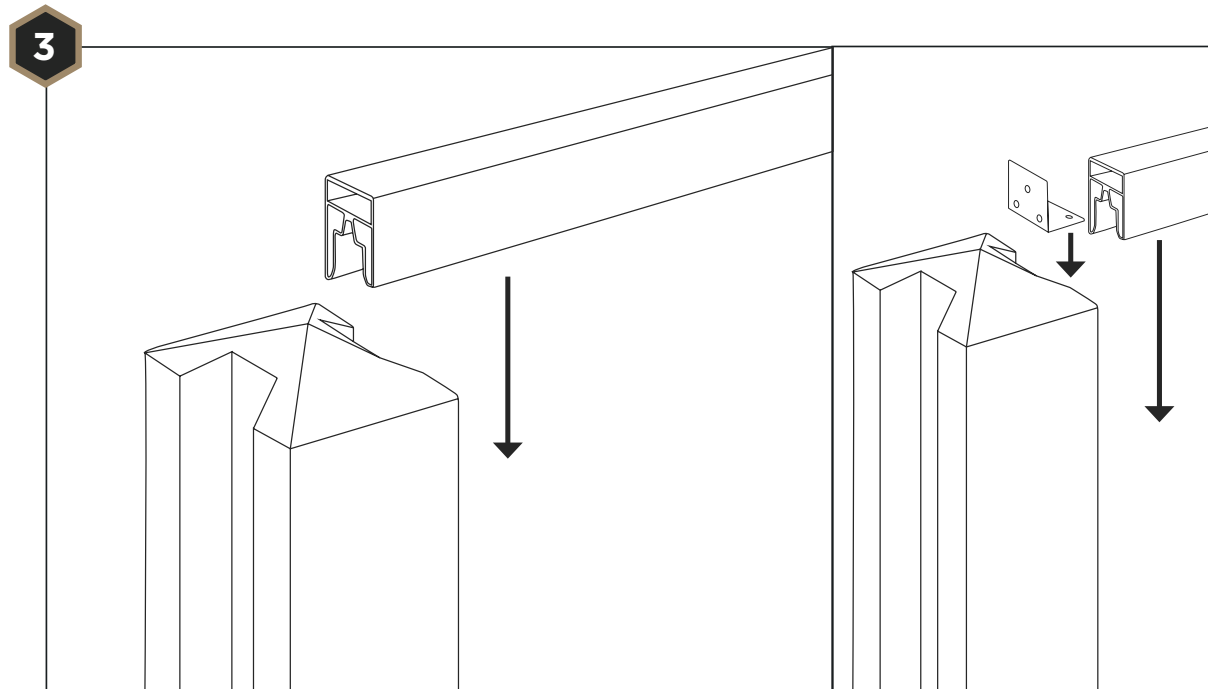
Once you fitted placing all the boards, finish the panel with the Finishing Aluminium Top Rail.

*Secure with the optional Fixing Bracket and Screws.

Composite Prime Care & Maintenance Guidelines

Care Guidelines
Even though *HD Fence*® is a low maintenance product periodic cleaning is recommended, even if your *HD Fence*® appears clean it is important to prevent the build-up of pollen and debris that can cause mold growth.

Weathering
During the first 6 - 12 months the colour pigments will stabilize, during this time fading may occur before weathering naturally.

Cleaning Guidelines
Domestic pressure washers maybe used with caution in conjunction with the spray nozzle. Pressure washers can be used to remove stains, ground-in dirt and chalk. Keep a distance of at least 1ft between the nozzle and the fence to prevent damage. If unsure about the product being used to clean/remove stains from your fence, it is always recommended that you test a small area in an inconspicuous place to determine if the cleaning product will cause any unwanted discolouration.

Dirt, debris and watermarks
Clean the fencing to remove dirt or debris by using soap, hot water and a stiff bristle. Rinse thoroughly.

Mold and Mildew
Use an organic cleaners such as Algon or a sodium percarbonate oxygen activated bleach. Ensure all detergent is washed off after use.

Rust Stains, Ground-in Dirt and Grime
Use a cleaning product containing oxalic or phosphoric acid base to lighten or remove the rust or dirt. Product may need to sit on stain 10-15 minutes. Rinse thoroughly.

Chalk Markings
Scrubbing the area with hot soapy water may dislodge some of the chalk. Rinse thoroughly.

Oil and Grease Stains
Scrub in a household-degreasing agent as soon as the stain occurs. Rinse thoroughly with warm water. Or use *abzorbit*™ grease and oil stain remover.

Berries Stains
Mix an eco friendly sodium percarbonate bleach in hot water label. Scrub the stain lightly and immediately rinse the area thoroughly. Note: Using too much bleach may cause lightening of the fence colour. The stain may not disappear entirely.

Images and drawings are for illustrative purposes only. *HD Fence*® may be installed in a variety of configurations, we recommend that you plan this before starting the installation. When cutting, always saw the board with a new fine-toothed blade to prevent dragging that can cause furring and split ends after installation. If making a large number of cuts, the blade should be replaced regularly. Don't forget to register your warranty, within 45 days of purchase, at ***www.composite-prime.com/register-warranty***.