

# FITTA

RETAINING WALLS



## AUSTRALIA'S PREMIER ECO-FRIENDLY RETAINING WALLS

LIGHTWEIGHT  
& REINFORCED

CHANGE THE  
WAY YOU RETAIN

**88%** RECYCLED   
PLASTIC & WOOD

Available at  
**BUNNINGS**  
warehouse

[FITTAGROUP.COM.AU](http://FITTAGROUP.COM.AU)



## INTRODUCING FITTA SSR SLEEPERS:

AUSTRALIA'S FIRST SUSTAINABLE AND  
LIGHTWEIGHT DIY COMPOSITE SLEEPERS!

**MADE FROM 88% RECYCLED  
MATERIALS FITTA IS THE  
SLEEPER YOU AND YOUR  
YARD DESERVE!**

### DIY READY

Each FITTA Sleeper is 2.4m long and weighs in at only 18.2kg per unit! Refit with FITTA and there's no need for backbreaking labour or heavy machinery.

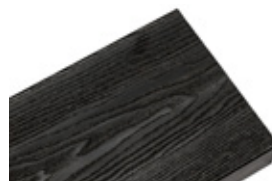
### DESIGNED SMART, BUILT TO LAST

FITTA's patented design uses recycled plastics and wood, reinforced by steel. Backed by a 30 Year Warranty you can rely on FITTA to go the distance.

### ZERO TO LOW MAINTENANCE

FITTA sleepers are pest resistant and waterproof, meaning no warping or rot. Efflorescence is also a thing of the past with FITTA – sit back, relax and enjoy more of your weekend!

AVAILABLE IN TWO COLOURS,  
BOTH WITH A WOOD GRAIN FINISH



**CHARCOAL**  
2.4m x 200mm x 51mm



**COFFEE**  
2.4m x 200mm x 51mm

**BUILD WITH CONFIDENCE:**  
FITTA SLEEPERS MEET OR EXCEED THE  
FOLLOWING AUSTRALIAN STANDARDS

- **AS 1170:** Structural Design Actions
- **AS 1170.2 / AS 4055:** Wind Loads
- **AS 4100:** Steel Structures
- **AS 4600:** Cold-formed Steel Member Design
- **AS 4678:** Earth-retaining Structures
- **AS 3600:** Concrete Structures



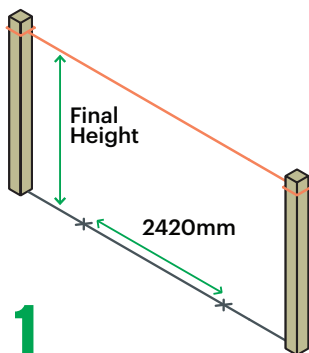
Scan to see the full  
FITTA Sleeper Range

# THE BETTER CHOICE FOR THE ENVIRONMENT, AND YOUR YARD



## BUILD YOUR FITTA WALL

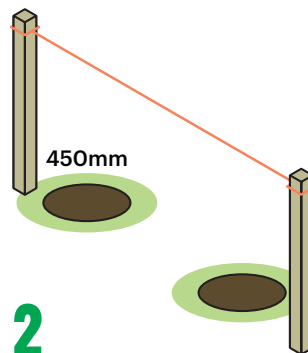
GRAB A SHOVEL SOME CEMENT, MAYBE A MATE OR TWO,  
THEN GET READY TO ENJOY YOUR NEW OUTLOOK  
– THIS WON'T TAKE LONG!



1

### PREPARE THE AREA

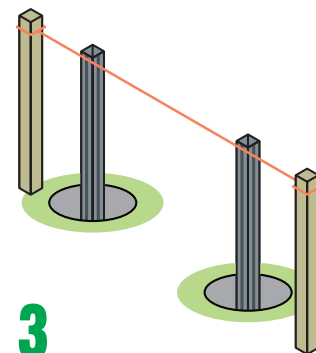
- Clear and level your site area, making sure you leave 200mm clear behind the wall for backfill.
- Hammer posts or pegs where your wall will start and end.
- Set string lines between the pegs, top and bottom, with the top at the final height of your wall and make sure they're level.
- Start from one end and mark a cross on the ground at 2410mm intervals.



2

### DIG THE POST HOLES

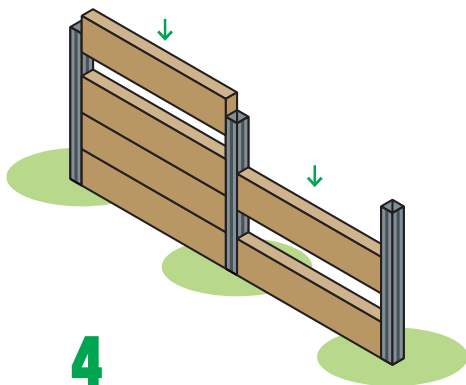
- At the marked spots, dig out holes with a 450mm diameter. Remember that your holes have to be 10% deeper than your final wall height!



3

### SET THE POSTS

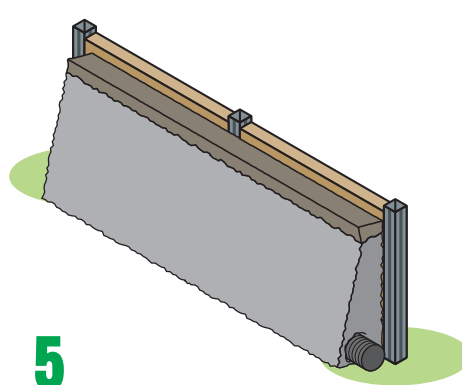
- Working with one hole at a time, mix concrete into a wet slump. Fill the hole and lower your posts into it, ensuring it is straight and level with the top string line.
- To ensure your posts sit flush and won't sink over time, create a concrete pad by measuring down from the top of your post. Let the concrete set as per the instructions.
- Set corner posts first and recheck post intervals before setting other posts.



4

### INSERT YOUR FITTA SLEEPERS

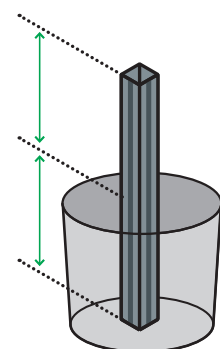
- Let the concrete cure as per the instructions before sliding your FITTA Sleepers into place.
- If your ground is not level before you slide in the sleepers, you can lay a concrete pad between the posts to ensure sleepers sit evenly.
- Grab a mate and carefully slide the sleepers into the posts.



5

### AG PIPE & BACKFILL

- Place 65mm ag pipe at the base of the back of the wall, and backfill with 20mm drainage gravel to 200mm from top of the wall.
- Fill to the top with a clay soil plug.



### IMPORTANT!

**BE SURE POST HOLES ARE THE 10% DEEPER THAN YOUR WALL.**

EG. 1000MM HIGH WALL  
= 1100MM DEEP HOLE

# FITTA BEYOND STEEL POSTS

## THE UNIVERSAL POST



### STRONG, LIGHTWEIGHT & UNIVERSAL

Manufactured in a similar process to Carbon Fibre and made from Fibre Reinforced Polymer, FITTA Beyond Steel Posts are engineered to be as strong as steel but weigh only 4.3kg/m. The custom internal channel allows FITTA Posts to support any retaining wall sleeper up to 110mm wide.

### BUILT TO THRIVE DOWN UNDER

FITTA Posts are resistant to rust, corrosion, and extreme temperatures. With a 100 Year Design Life!

### ECO-FRIENDLY ALTERNATIVE

With 75% less energy required in manufacturing compared to traditional steel, far less water is needed for cooling and less pollutants are produced. It's also longer lasting, meaning less replacements and less waste.



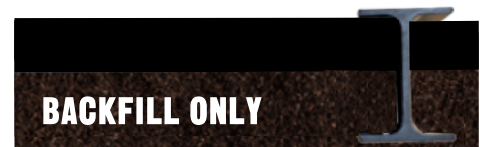
Scan for more  
information



AVAILABLE IN RETAINING JOINER POSTS ONLY

### MIND THE GAP

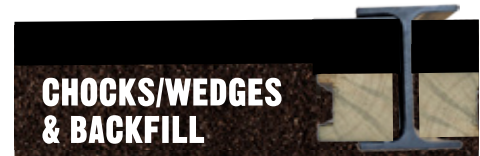
FITTA Beyond Steel Post's unique design means they work with almost any sleeper on the market, and can be installed with a variety of supports, or backfill only – pair them with FITTA SSR Sleepers and you'll have a strong, great looking wall for years to come!



BACKFILL ONLY



SSR OFFCUTS



CHOCKS/WEDGES  
& BACKFILL

FITTA Composite Sleeper – Charcoal	2400mm x 200mm x 51mm	Item No. 034 9466	BC: 9359206000194
FITTA Composite Sleeper – Coffee	2400mm x 200mm x 51mm	Item No. 034 9465	BC: 9359206000200
1.2M FITTA FRP Beyond Steel Post Retaining Joiner	1200mm x 125mm x 90mm	Item No. 040 4191	BC: 9359206000507
2.0M FITTA FRP Beyond Steel Post Retaining Joiner	2000mm x 125mm x 90mm	Item No. 040 4189	BC: 9359206000514
FITTA S.S.R. Charcoal End Cap		Item No. 053 0341	
FITTA S.S.R. Coffee End Cap		Item No. 053 0344	
FITTA FRP Post	110 x 30mm x 1200mm End Block	Item No. 053 0343	

**FITTA**  
RETAINING WALLS

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**FITTAGROUP.COM.AU**

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Australian Provisional Patent Applications  
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