

TM



**SPECIAL
ORDERS**



**WE WILL
DELIVER**

PIONEER

HEAVY DUTY CONCRETE SLEEPER AND GALVANISED STEEL POST RETAINING WALL SYSTEM

- + 100% termite proof materials
- + Perfect for walls up to 3.0m high
- + Great range of finishes

35

**YEAR
WARRANTY**

Available at
BUNNINGS
warehouse

AUSSIECONCRETEPRODUCTS.COM.AU

Take This Brochure to the Special Orders Desk to place an order



WHY RISK WOOD? BE A PIONEER!



**YEAR
WARRANTY**

Designed and made in Australia, PIONEER Reinforced Concrete Sleepers are guaranteed for up to 35 years making them the perfect solution for termite proof retaining walls up to 3m high.

All PIONEER Reinforced Concrete Sleepers are 200mm high and 75mm thick, and include internal reinforcing so they're solid, strong, and dependable. Available in a variety of lengths, and a range of finishes, they're adaptable to almost any project.

PIONEER's matching galvanised post system makes design and install easy – just draw out your wall, count your posts and select your sleepers!

DESIGNED TO LAST AND LOOK GOOD

PIONEER Reinforced Concrete Sleepers are engineer designed and tested, meaning they are strong and reliable.

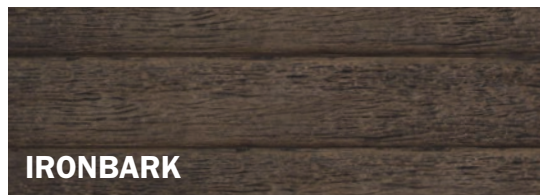
Chose from natural finishes like Gumtree and Sandstone, or Smooth which is ideal for a simple, streamlined look.

Make the right choice and you'll be enjoying your PIONEER retaining wall for decades to come!

What is efflorescence?

Efflorescence is the formation of mineral deposits, usually white, on the surface of concrete which can cause slight discolouration. Efflorescence on concrete is not a product fault, and is easily removed through normal maintainance.

For more information, visit aussieconcreteproducts.com.au.



IRONBARK



SMOOTH



GUMTREE



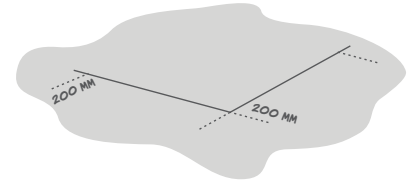
SANDSTONE

INSTALLATION GUIDE

1

PREPARE THE AREA

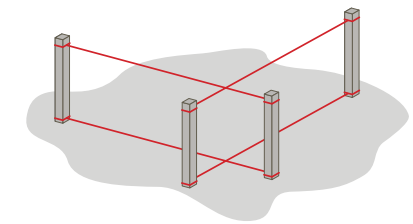
- Clear and level your site where you plan to build the retaining wall. Ensure you leave 200mm behind the retaining wall area for backfill.



2

ALIGNMENT

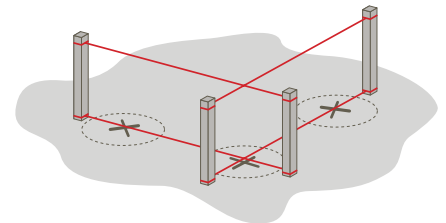
- Place a star piquet or peg at both ends of the proposed wall. Attach two string lines at each end of the wall, top and bottom, to keep your wall aligned.



3

MARK OUT HOLE POSITIONS

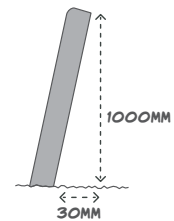
- Starting from one end of the wall, mark a cross on the ground at intervals with their centre being approximately 15mm more than the length of the sleeper.
For example: If you are using 1530mm sleepers the hole centres should be 1545mm apart – note, this will vary on the length of sleeper used.



4

AUGER HOLES AND POUR CONCRETE

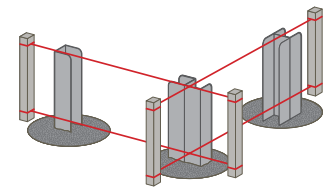
- Auger holes as per your engineers specifications.
- Pour concrete into holes, one at a time.
- Make the concrete stiff. If using readymix concrete, order 20/20, 60 slump.
- Set your post by lowering into ground until level with the top string lines.
- Ensure there is a minimum lean back of 30mm for every 1.0m in height.



5

CHECKING POSTS

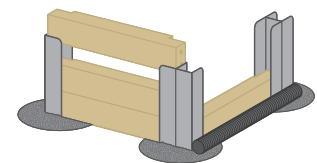
- Use a spirit level to make sure all your posts are aligned with the string line and are perpendicular on the sides.
- It is also important to measure the remaining distance to the top of your steel posts, to ensure the sleepers finish flush with the top of the posts.
- If required, lay a concrete pad on both sides of the steel post.



6

AG PIPE AND BACKFILL

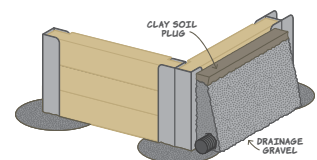
- Allow the concrete to cure for two to three days before you place your sleepers in. Place ag pipe at the base, then backfill with gravel to 200mm from the top.



7


SOIL PLUG

- A soil plug is then placed in, to fill the wall to the top.



1 CHOOSE YOUR FINISH

SLEEPERS

OVERALL DIMENSIONS	ITEM NO.	QTY
		

IRONBARK

1.58M x 200mm x 75mm 1080366



GUMTREE

1.58M x 200mm x 75mm 1080426

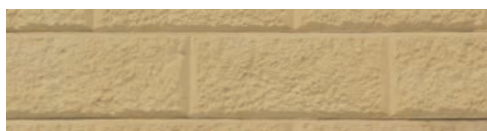


SMOOTH

1.2M x 200mm x 75mm 1080354

1.53M x 200mm x 75mm 1080355

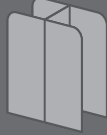

2.0M x 200mm x 75mm 1080357



SANDSTONE EFFECT

1.58M x 200mm x 75mm 1080363

2 SELECT YOUR POSTS & FENCE BRACKETS

POST TYPE	WALL HEIGHT	POST HEIGHT	ITEM NO.	QTY
100UC JOINER 	0.4M	0.75M	1080371	
	0.6M	1.15M	1080373	
	0.8M	1.55M	1080374	
	1.0M	1.95M	1080375	
	1.2M	2.35M	1080376	
	1.4M	2.75M	1080377	
	1.6M	3.15M	1080378	
	1.8M	3.55M	1080379	
	2.0M	3.95M	1080381	
	100PFC ENDER 	0.4M	0.8M	1080382
0.6M		1.2M	1080383	
0.8M		1.6M	1080384	
1.0M		2.0M	1080385	
1.2M		2.4M	1080386	
1.4M		2.8M	1080387	
1.6M		3.0M	1080388	
150PFC ENDER	2.0m	4.0m	1080390	

BRACKET	FENCE TYPE	BRACKET SIZE	ITEM NO.	QTY
STRAIGHT	Colourbond	580mm x 100mm x 3mm	1080367	
	Timber	580mm x 100mm x 6mm	1080369	
OFFSET	Colourbond	580mm x 187mm x 3mm	1080368	
	Timber	580mm x 187mm x 6mm	1080370	

Delivery prices and lead times are determined on an order-to-order basis.

Special Orders Team: To establish delivery costs and lead times, please email all order details to info@aussieconcreteproducts.com.au

For more information or help with retaining walls, call Aussie Concrete Products on **07 3348 1200** or visit aussieconcreteproducts.com.au

Will I need council approval?

Most local councils require specific building approvals – always check with your local council during the planning stage of your project to ensure it complies with these.

3 CONFIRM DELIVERY ADDRESS

NAME

ADDRESS

SUBURB

P CODE

PH

MB

EMAIL