



**REINFORCED  
CONCRETE  
RETAINING WALLS**

## **DIY CONCRETE SLEEPER & GALVANISED STEEL POST RETAINING WALL SYSTEM**



- ✓ 100% termite proof materials
- ✓ Easy to design and install system
- ✓ Perfect for walls up to 900mm tall
- ✓ Great textures to match your garden, or paint to match your existing colour scheme

Available at  
**BUNNINGS**  
warehouse

**15** YEAR WARRANTY

**RIDGI.COM.AU**

# EASY-AS DESIGN & INSTALLATION GUIDE

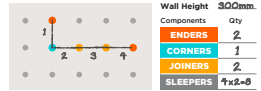


## WHAT YOU'LL NEED BEFORE YOU GET STARTED

- ✓ Measuring Tape
- ✓ Level and String Line
- ✓ Shovel
- ✓ Steel Posts or Pegs
- ✓ Post Hole Digger
- ✓ RIDGI Planning Sheet (available at [ridgi.com.au/plan](http://ridgi.com.au/plan)).
- ✓ Quick set concrete
- ✓ Ag pipe and weed matting
- ✓ RIDGI Reinforced Concrete Sleepers
- ✓ RIDGI Retaining Posts

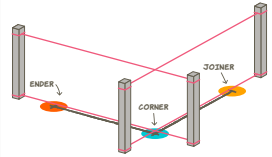
## 1 DESIGN YOUR RIDGI

- Measure out and sketch your RIDGI using our Planning Sheet
- Count up the number and kinds of Retaining Posts you need, and decide on the finish of your Sleepers.



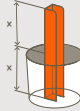
## 2 PREP YOUR SITE

- Clear and level your site area, making sure you leave 200mm clear behind the RIDGI - you'll need it for backfill.
- Hammer steel posts or pegs where your RIDGI will end.
- Run string lines between the pegs, top and bottom. Keep the strings tight to make sure your RIDGI is nice and straight, and be sure the top string lines up to the top of your RIDGI. Use a line level to make sure everything is on the up-and-up.
- Start from one end of the lines and mark across the ground at 1520mm intervals (this is where your holes will go).

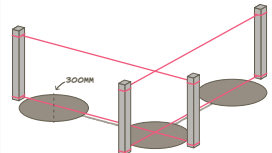


## 3 DIG YOUR HOLES

- At the marked spots, dig or auger your holes with a 300mm diameter. Remember - your holes have to be as deep as your RIDGI is tall to make sure it's strong!

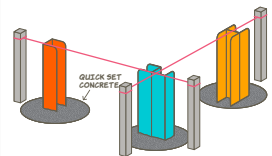


**REMEMBER:**  
HOLES MUST BE AS DEEP AS YOUR WALL IS HIGH



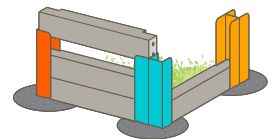
## 4 SET THE POSTS

- Work with one hole at a time.
- Fill the hole with quick setting concrete and lower your RIDGI Retaining Post into it, ensuring it is straight and level with top string line.
- Set corner posts first and recheck post intervals before setting ender or joiner posts.



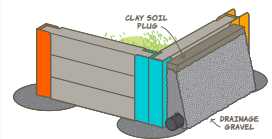
## 5 INSERT YOUR SLEEPERS

- Allow the post hole concrete to cure for 2 days before sliding your RIDGI Reinforced Concrete Sleepers into place.
- If your ground is not level before you slide in the sleepers, consider laying a concrete pad between posts to ensure that sleepers are stacked up evenly.



## 6 AG PIPE & BACKFILL

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



Need more information? Contact us on: 07 3823 2465