

Installing Premier Rail



**BARRIERS
AUSTRALIA**



Use a string line and ensure the line is very tight. We use the line to ensure the ground fittings are installed straight as well as giving a standard height to the ground fixings.



Measure out line and
mark on ground.

The first spacing at a
cross over is 3.1m and
the remainder is 3.27m.



Mark out each
spacing for the
posts.



The tool is used to install the ground fixing with a jack hammer.





Ensure the ground
fixing is installed
straight.



The ground fixings
should be installed
consistently at the same
height to the rope line.
This will take out
undulations in the
ground and give the rail a
consistent height.





Install the posts next.





Slide the tee onto the rail.







Barriers International

Lift the rail onto the post. This is how the first post should look.

An end cap is placed at end of rail.



The rail join. The rail slides over the insert from the previous rail.



Ensure the
join remains
inside the tee
at the post.



If the glue from the insert becomes unsecure. Drill a hole and use a pop rivet to secure the insert inside the rail. 400mm exposed, 200mm inside the rail.



Securing the
tee. Push
post hard
into tee.



Drill hole at
top of tee at
pre-drilled
hole in tee
and through
top of post
only.



Drilled Hole.



Put PVC Rivet
into hole to
secure tee
and post.



Use rubber
mallet to
hammer PVC
rivet into
hole.



Secure the rail and tee at only one tee per length of rail and not on an end. This stops the rail sliding.



Drill a hole
through the
tee and rail.



Insert a pop rivet into the hole. One rivet per rail piece allows for movement in the rail so it does not bow.





This secures
the rail from
sliding.





One length of rail. The next piece of rail slides over the insert on the left.







Rail breaks;
can only occur at a
tee. Cut the rail
level with the post
inside the tee. The
cut should be
dead centre inside
the tee. Suggest a
4 inch angle
grinder to cut rail.



Drill a hole through top and bottom of tee and rail. Use red pins to secure rail inside the tee. This should be repeated at a second tee. Then remove one tee and the piece of rail is easily removed and easily re-installed.

