

# NZ Concrete Sleepers

**A concrete sleeper system is made up of 5 major components:**

**Sleepers, Corner posts, Ender posts, Joiner posts and concrete for your holes.**

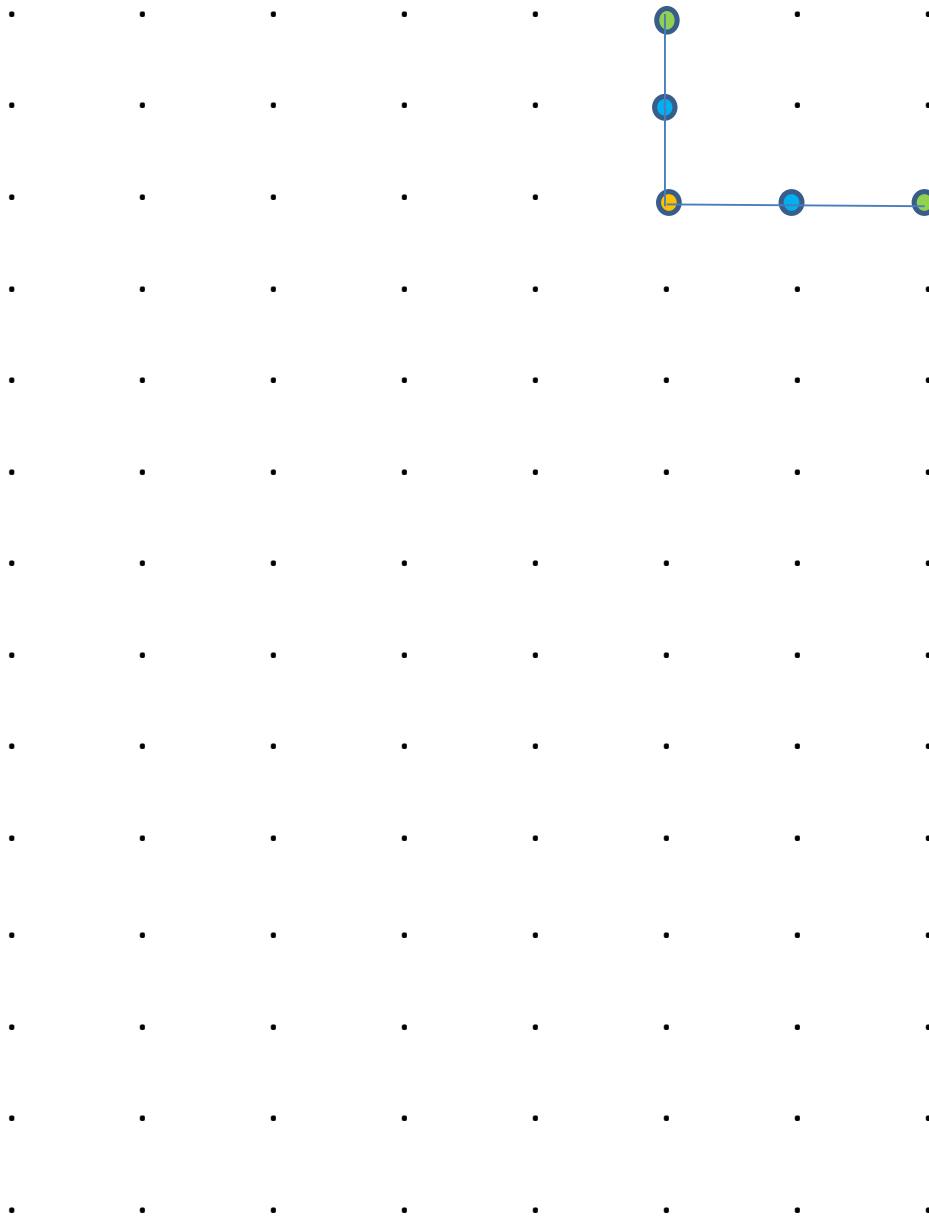
All sleepers are 200 x 80mm and 2.0m long, with posts available in a variety of lengths to suit walls from 400mm to 2m high. Please check with your local council for consent requirements.

Use the grid below to sketch out your wall design

The space between each dot represents the length of one sleeper, and each dot that is touched will require a retaining post.

Just count the number of segments and multiply by the height of your wall to find out how many sleepers you need, then add up your posts - simple!

**Remember:** Only use 90 degree angles in your design, or use 2 Ender posts to create a custom angle



## **EXAMPLE**

Wall Height 800mm

### Components

Corners	1
Enders	2
Joiners	2
Sleepers	<b>4x4=16</b>

The above design is 4 sleepers long and 800mm is 4 sleepers high meaning it uses 16 sleepers. It uses 1 corner, 2 ender and 2 joiner posts.

### Concrete

Hole size 450 x 450mm

Hole depth same as wall height

Holes 5 x 800mm

**Cubic metres** .45x.45x.8x5  
.81m<sup>3</sup>

## Your Wall

Wall Height \_\_\_\_\_

### Components

Corners	_____
Enders	_____
Joiners	_____
Sleepers	_____