

HEIGHT CAPACITY & WEIGHT

Sleepers Size (mm)	Max Retained Height (5kPa)	Max Retained Height (10kPa)	Weight (per unit)
1190 x 200 x 80mm	4400mm	4000mm	48kgs
1800 x 200 x 80mm	2800mm	2400mm	72kgs
2000 x 200 x 80mm	2400mm	2200mm	80kgs
2400 x 200 x 80mm	1800mm	1400mm	96kgs
3000 x 200 x 80mm	800mm	500mm	120kgs
1190 x 200 x 100mm	6000mm	5600mm	60kg
1800 x 200 x 100mm	5000mm	4800mm	90kgs
2000 x 200 x 100mm	3500mm	3300mm	100kgs
2400 x 200 x 100mm	3000mm	2800mm	120kgs
3000 x 200 x 100mm	2500mm	2000mm	150kgs
1190 x 200 x 120mm	7500mm	7000mm	72kgs
1800 x 200 x 120mm	6500mm	6000mm	108kgs
2000 x 200 x 120mm	4500mm	4300mm	120kgs
2400 x 200 x 120mm	4000mm	3600mm	144kgs

The above retained heights are based on the following assumed soil properties:
density:18 kN/m³ - Ka:0.35

Measurements shown in millimetres (mm). Length is measured at the back of the sleeper. Note that all sleeper have a taper so the front will be 20mm shorter- internal friction angle:30°

All Sleepers are made with 40mpa Concrete and 2 x N12 reinforcement bars as standard, alternative our engineering accomodates other reinforcemnt options