

DURAPOST® SLEEPER T-POST



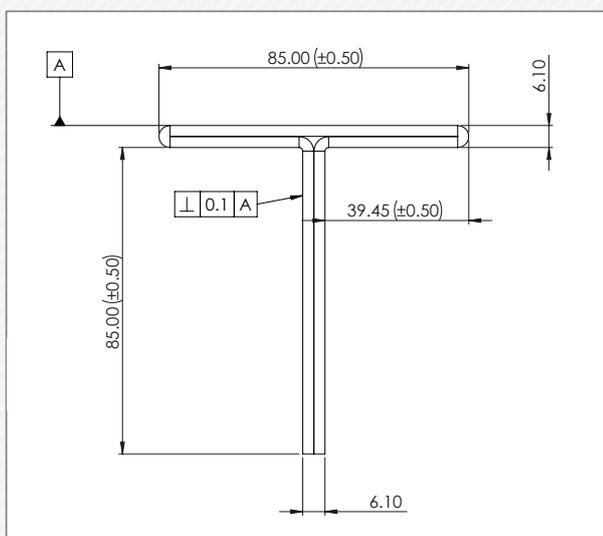
DESCRIPTION

The DuraPost® Sleeper T-Post is a cold rolled steel post for fitting small to medium sleeper retainments. This product may be used with most available sleeper sizes, from reclaimed hardwood railway sleepers to sawn green or brown nominal sizes.

The T-shaped design provides a perfect method for fixing sleepers to the post. 9mm pre-drilled holes to take SiteMate Flat-Head, Wafer-Head or Hex-Head timber screws.

Product Sizes

PRODUCT CODE	LENGTH (M)	WEIGHT (KG)
2671201	1.2	9.4
2671501	1.5	11.8
2672001	2.0	15.7
2672401	2.4	18.9



Retainment Capabilities (Basic Recommendations)

RETAINMENT HEIGHT (M) *	BAY WIDTH (M)	FOUNDATION DEPTH (M)
0.4	≤2.4	0.8
0.6	≤2.4	1.0
0.8	≤2.4	1.2
1.0	≤2.4	1.4

This Table is for retainment parameter suggestions only. Structural engineers should be consulted for specific site requirements and criteria.

*For retaining walls 0.6 m and taller, the allowable surcharge load may be less than the standard design value of 10 kN/m². Structural calculations were carried out to achieve a strength as close to 10 kN/m² as possible; therefore, foundation depths may vary depending on site conditions. In typical garden areas, where there is no nearby vehicle traffic or heavy machinery, a lower surcharge load of 2.5 to 5.0 kN/m² may be more appropriate.

CONSTRUCTION

Constructed from roll-formed Magnelis® pre-galvanised structural steel (HX380LADZM310). This coating has performed better than hot-dip galvanizing in corrosion tests. Coating service life of 30 to <50 years in a C2 - C3 environment.

FINISH

Magnelis® Pre-Galvanised Steel



PATENTED



DURAPOST® SLEEPER T-POST FITTING OPTIONS

FITTING CONFIGURATIONS

The DuraPost® Sleeper T-Post may be fitted in many different ways, to best suit your sleeper retainment configuration. Here are a few of the common configurations.



FIXINGS

The DuraPost® T-Post has 9mm pre-formed holes situated on the front flange. These are spaced 100mm apart starting 50mm from the top, allowing 4 fixings per sleeper (when fitted upright) and 2 fixings per sleeper (when fitted flat). This helps to secure twisted or uneven sleepers.

SiteMate® Flat-Head Timber Screws (7.0mm Dia.)

- Finish: Exterior silver or olive grey
- Available in 50mm, 70mm, 90mm, 100mm, 120mm, 150mm, 200mm, 250mm & 300mm (*Exterior Silver only available in 50mm, 70mm, 90mm & 100mm*).



SiteMate® Flanged Hex Head Screws (8.0mm Dia.)

- Finish: Exterior Silver
- Available sizes: 75mm, 100mm, 120mm & 150mm



SiteMate® Flanged Hex Head Timber Screws (6.7mm Dia.)

- Finish: Exterior green
- Available sizes: 70mm, 90mm, 100mm, 140mm, 150mm, 200mm & 250mm



SiteMate® Stainless Steel Wafer Head Screws (6mm Dia.)

- Finish: A2 Stainless Steel
- Available sizes: 70m, 90mm, 100mm, 140mm, 150mm, 200mm, 250mm

