

ROOTBALL FIXING SYSTEM - PLATI-MAT



The Platipus® rootball fixing system, including Plati-Mat, remains the preferred method of securing rootballed and containerised semi-mature trees. The ease of installation and lack of unsightly guy wires makes it the first choice of customers.

Over the past two decades, we have developed an extensive range of unique underground fixing solutions to suit most applications.

The Plati-Mat allows secure positioning of newly

transplanted trees, whilst offering major benefits over traditional root support systems.

Available in five standard sizes, the Plati-Mat can be tailored to suit most rootball dimensions. This significant development allows faster installation and provides a greater contact surface area at the top of the rootballed or container grown tree.

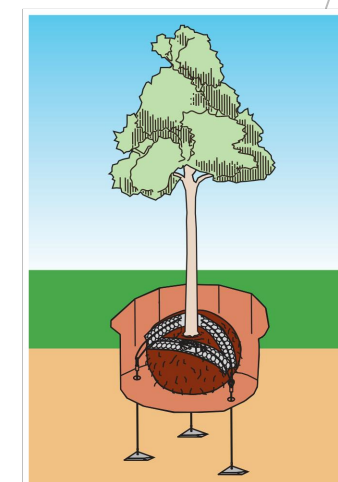
The benefits include:

- Planting at the nursery line
- Reduced overall installation time
- More secure fixing creating better establishment
- No unsightly stakes or timber above ground
- Suitable for most rootballed and containerised stock

5.5m Wide access with 2m wide footway on both sides

Replacement tree for T6 set back from the footpath by 2.5m to allow for future growth without disrupting the new hard standing or interfering with the visibility splay. See planting and guying specification.

Young Lime and Sycamore regeneration to 8m



1 No. *Tilia x euchlora* 30-35mm girth, 570ltr pot. Pit planted and secured using the above specification.

2.4m x 40 m Visibility splay measured to 1m offset from channel line

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Hedge to be removed / relocated to facilitate visibility splay in perpetuity.

We are happy to discuss and recommend rootball fixing kits for particular applications and soil conditions. The following chart applies to most tree transplants.



TREE HEIGHT (H) / CIRCUMFERENCE (C)	DESCRIPTION	PRODUCT CODE
up to 2.5m up to 12cm	3 x S21 anchors, 2 metres of galvanised wire, 1 x ratchet tensioner & 3 x Plati-Mats.	RF0P
2.5 - 4.5m 12 - 25cm	3 x S41 anchors, 3 metres of galvanised wire, 1 x ratchet tensioner & 3 x Plati-Mats.	RF1P
4.5 - 7.5m 25 - 45cm	3 x S61 anchors, 5 metres of galvanised wire, 1 x ratchet tensioner & 3 x Plati-Mats.	RF2P
7.5 - 12m 45 - 75cm	3 x S81 anchors, 7 metres of galvanised wire, 1 x ratchet tensioner & 3 x Plati-Mats.	RF3P
12m+ 75cm+	3 x B61 anchors, 7 metres of galvanised wire, 1 x ratchet tensioner & 3 x Plati-Mats.	RF4P

250909

DO NOT SCALE
ALL COORDINATES RELATED TO LOCAL GRID LOCATED TO OS NG BY BEST FIT TO DETAIL. EXTRACTED FROM OS DIGITAL DATA.
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For this tree size (30-35cm) being planted the recommendation is for the *Platipus RF2P Anchor Rootball fixing System*. There would be no requirement for an underground crate/cage in this instance; these are only usually specified for similar size trees in an urban planting to ensure optimal rooting environment. On this occasion, the planting area is within a grass verge therefore a crate/cage is not required, but we would recommend an irrigation system to be installed as the first 3 years of establishment are vital to ensure a tree of this size does not fail.

With regard to special soils, unless the ground is compacted and suffers from water logging there would be no real benefit. If tree pit is back-filled with a good quality topsoil and a mulch layer applied around the top of the tree pit after planting, this would be sufficient.

A 5 year maintenance schedule as part of the overall landscape scheme would be beneficial.

NOTE: Refer to SCP Transport drawing SCP/15234/SK01-B for highway details.

Ascerta

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CLIENT:

The Co-operative Estates

PROJECT:

Land off Station Avenue, Wrexham

DRAWING TITLE:

Replacement of T6

SCALE:

1:250 @A3

DRAWN BY:

CP

DRAWING No:

P.585.15.05

REV:

DATE:

14/06/2017

CHKD BY:

AM

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