

TreeGrip™

# D-Man® Anchor

Rootball Anchoring System



D-Man® Rootball Anchor is a Platipus® tree anchoring system designed to anchor trees in challenging urban environments and roof gardens where planting pits or planters are too shallow to provide sufficient anchoring efficacy or have services buried underneath which hinder tree anchoring.

D-Man® Rootball Anchor System is a strong, compact, and lightweight system that supports trees of up to 45 cm in circumference and 7.5 m in height.

D-Man® cells engage the weight of the rootball and backfilled soil to anchor trees. This mitigates the effect of wind uplift by providing excellent stability to the tree, whilst removing the risk of damage to waterproofing membranes and other services.

D-Man® cells are either used as isolated anchor points or connected to form a grid structure. A minimum of 300 mm soil depth between the base of the rootball to the baseplate cells is required to utilise the isolated method, else the grid structure should be used to achieve greater anchor force to compensate.



D-Man® Rootball Anchor System

#### Installation Tools\*

Ratchet Tensioner



\*not included



RF1PDMAN



RF1PDMAN+6





## Features & Benefits

- Easy to use
- Simple to lock / unlock cells
- Cells connections are omnidirectional

## Applications

- Roof gardens
- Challenging urban environments
- Locations with buried services or shallow planting areas

## Technical Specifications

|  | RF1PDMAN  | RF1PDMAN+6  | RF2PDMAN  | RF2PDMAN+19   |
|--|---|---|---|---|
| Tree girth (cm)                        | <25   | <25   | <45   | <45   |
| Tree height (m)                        | <4.5  | <4.5  | <7.5  | <7.5  |
| Baseplate cell (250 x 250 x 75 mm)     |   |   |   |   |
| - Material                             | PP  | PP  | PP  | PP  |
| - Quantity (pcs)                       | 3   | 9   | 6   | 25  |
| - Configuration                        |  |  |  |  |
| Wire rope                              |   |   |   |   |
| - Material                             | SUS 316   |   | SUS 316   |   |
| - Quantity (pcs)                       | 3 x single disc anchor  |   | 3 x double disc anchor  |   |
| - Length (mm)                          | 700   |   | 1500  |   |
| - Diameter (mm)                        | 4   |   | 4   |   |
| - Tensile strength (kN)                | 9.9   |   | 9.9   |   |
| Plati-Mat® dimensions (mm)             | 480 x 125   | 480 x 125   | 480 x 125   | 480 x 125   |
| Installation depth below rootball (mm) | >300  | 0 - 300   | >300  | 0 - 300   |

Elmich is the authorized distributor of Platipus®.  
D-Man® and Plati-Mat® are trademarks of Platipus®.

**Distributed by:**

**Note:** The information provided in this brochure is based on current knowledge and experience and does not infer any legally binding assurance or warranty, expressed or implied. Intending purchasers should verify whether any changes to specifications or applications or otherwise have been made since the issue of this literature. Environmentally-friendly recycled materials are used in product manufacture wherever possible. Physical product properties including colour may differ due to source of raw materials used. Colour may also fade due to UV exposure. All components of the product are designed for specific application, design calculations and any variation and/or deviation therefrom shall be the responsibility of the specifier and/or user.



**ELMICH PTE LTD** [www.elmich.com](http://www.elmich.com)

Singapore: (+65) 6356 2800

info@elmich.com

Singapore | Australia | Germany | Malaysia | Switzerland | USA



Management System  
ISO 9001:2015  
ISO 14001:2015  
ISO 22301:2012  
www.tuv.com  
ID 9105067487

