

TGK-3 Tree Guying Kit up to 3" in caliper

Diadem TGK-3 guying system replaces lodge poles with triangular frames secured by stainless steel anchor posts at the angles without penetrating the roof structure.



#130083-1
Manual

■ **Green up the roof!**



Application:

Can be used to stabilize up to 3" caliper trees on any rooftops to a maximum slope of 5%, or on flat roofs which can hold the required ballast. Growing medium or other material can be used as a ballast as needed, with a minimum weight of 16.5 lbs/sqf.

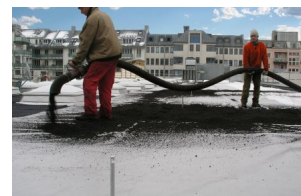
Installation instructions:

The tree guying system is to be installed on the layer directly below the growing media or other approved ballast with plans approved by the certified contractor or Diadem. Remove locking head, bolt, washer and fastening ring from anchor post and set aside. Anchor posts should be placed according to the installation plan. FGS 1.0 Damping plates are laid over anchor posts through the center hole on plate so that the shorter sides of the plates are perpendicular to the tree location. Roll out the FGT-180 pulling mat and cut a 6'x16' section. (Roll width is 16') Center the pulling mat over the post and damping plate. Cut a small hole to allow the post to extend through. The pulling mat should lie flat. Staple the pulling mat with 1/2" staples to the damping plate at approx. 6" on center. Place the stabilization boards over a pair of posts to create an equilateral triangle with the 3 posts. Install the ballast layer with a minimum dry surface mass of 16.5 lbs/sqf over the assembly. Care should be taken to minimize foot traffic in this area to avoid compacting the growing media beyond normal installation levels. Replace the previously removed locking heads and fastening clamp rings so that the rings point towards the center of the triangle. Tighten the bolts over the washer on top of the locking heads. Secure tree to system with individual lengths of guying material, from each anchor post to tree trunks or branch bases and tighten. The guying material is correctly tensioned if the wire is not slack, but at the same time the tree appears naturally upright, and isn't being pulled to one side or another.

Installation Tools:

Staple gun with 1/2" staples, 3/4" hole punch for pulling mat, #8 Allen wrench.

Installation Photos:



Reviewed: 2012-05-03 22:24:25

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