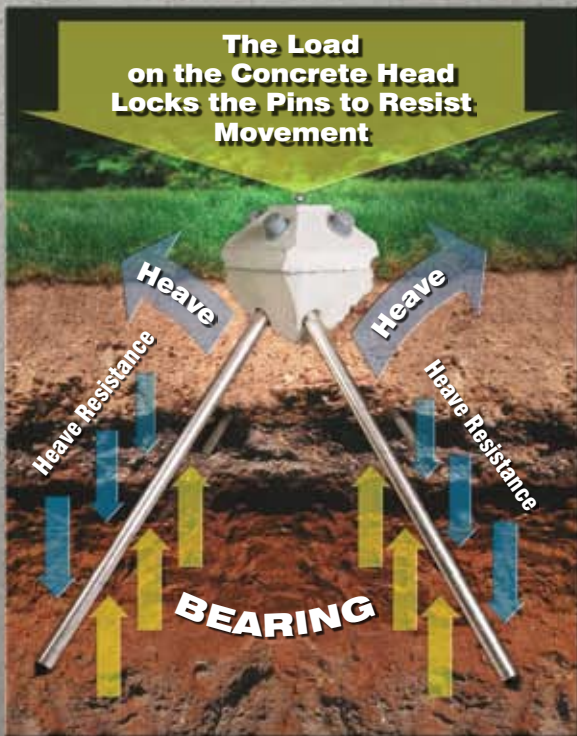


DiamondPier®
HIGH TECHNOLOGY
FOUNDATIONS

**Engineered
for Consistent
Reliability and
Performance**



Backed by a
**LIFETIME
WARRANTY**
Covering Parts and Labor

DiamondPier®
**Lifetime
Warranty**

Covering Parts and Labor

The Pin Foundations, Inc. Diamond Pier DP50 and DP75 High Technology Foundations are warranted for the life of the original supported structure to perform to the published capacities.

The above warranty shall apply only if the product is handled and installed in accordance with Pin Foundation's recommendations and specifications.



by

Pin Foundations, Inc.
www.DiamondPiers.com

Distributed by:

**Diamond
Pier®**

HIGH TECHNOLOGY
FOUNDATIONS



**Install
in Minutes
...Frame
Immediately**

DP50
Code Compliant
ESR-1895



Proven Performance

Over 15 Years of Installations ...No Failures!

TESTIMONIALS

North Wind reconstructed a boardwalk destroyed by Hurricane Ivan, at Hurlburt Field Air Force Base. Two months later, the tidal surge from Hurricane Dennis submerged the boardwalk, and it was **repeatedly rammed by a 26' sailboat in 100 mph winds**. Then Katrina struck... The boardwalk maintained its level and sturdiness, and **not a single Diamond Pier was compromised**. ...the Diamond Piers acted as a major stabilizing factor.

Taj Goodpaster - Project Manager, North Wind, Inc.

D&C Construction built a 1500 ft by 12 ft wetland boardwalk for the Metropolitan District Commission of Massachusetts - winter of 2004. The following spring, **100 year floods rose over the boardwalk**. Inspecting the work after another severe winter a year later, the **Diamond Piers remain precisely in place with no movement**. This product truly lives up to expectations, and is without a doubt the foundation of the future.

James Morris - Director of Operations, D&C Construction

Timberform constructed 3 boardwalks in National Parks in Hokkaido. Top rails of handrails and all planking have kept perfectly level. **There is no damage from frost heave**. Diamond Piers have not moved and the whole structure is perfectly sound.

Eiji Maeno - Timberform Japan Co, Ltd

Diamond Piers have been used on projects throughout Chicago since 1996. To date **there have been no owner or building official complaints regarding settlement or movement due to frost heave**. The system provides an equivalent, durable and safe alternative to typical concrete piers.

*Steven Michels
Structural Engineer
State of Illinois*



DiamondPier

HIGH TECHNOLOGY FOUNDATIONS

DiamondPier® Fast and Efficient Installations

- **Fast Installation** *You can Frame Immediately*
- **Save an Inspection** *Call It in Later*
- **Proven Technology** *Field Tested Over 15 years Worldwide*
- **Low Environmental Impact**
- **Easy to Install**
- **Repositionable** *Remove Pins with Pipe Wrench*
- **Lifetime Warranty** *Parts and Labor*



US Patents: 5,039,256; 6,910,832; 7,326,003

DP50 Load Bearing Capacity Comparison

Soil Types*	Pier Types		
	18" Round 1.77 sf	16" Square 1.78 sf	DP50 1.8 sf equivalent bearing
2000 psf Sands	3540 lbs.	3560 lbs.	3600 lbs.
1500 psf Silts/Clays	2655 lbs.	2670 lbs.	2700 lbs.

*IRC 2006/2009, Table R401.4.1 - See Manufacturer's Installation Instructions for the full chart and footnotes.

About the Company Founder

Rick Gagliano developed the first pinned foundation system in 1984 for an installation in a tidal marsh. After completing his architectural thesis study on rigid pile clusters, Rick founded Pin Foundations, Inc. in 1992. With 7 patents supporting the technology, the Diamond Pier is a uniquely durable, versatile and environmentally friendly approach to construction.



DiamondPier DP50 High Technology Foundations



- High Strength Reinforced Concrete Head meets or exceeds ACI 318 standards
- Galvanized Pins meet or exceed ASTM standards
- High Impact Inspection Plugs
- Pin Caps install after inspection
- Pre-Cast 1/2" Galvanized Anchor Bolt to secure standard post brackets

For all applications refer to the manufacturer's complete installation guidelines.



Pin Driving Bit

For use with most impact hammers that accept a 1-1/8" hex shaft. Works with all DiamondPier Models.

DiamondPier DP75

- For Use in Areas with a 60" Frost Depth
- Features Longer and Heavier Pins
- Calculated Bearing Capacity: 2000 psf Sands - **4500 lbs.**
1500 psf Silts/Clays - **3400 lbs.**

Commercial Grade Piers Available: DP100 and DP200

The Diamond Pier DP50 is recognized by the International Code Council (ICC) for residential applications. The report (ESR-1895) and test results are available on our website at...

www.DiamondPiers.com/ESR

