

A Track Record of Over 25 Years...

# Testimonials

...Proven Performance

"I'm very impressed with the performance, ease of installation, and the no-mess application of the Diamond Pier. I will continue to use them on my future deck projects."

Jon Truax • Tru Decks, LLC • Twin Cities Area, MN

"... After Hurricane Dennis AND Hurricane Katrina, not a single Diamond Pier had been compromised."

Taj Goodpaster • Construction Project Manager • North Wind, Inc.

"After believing in and selling Diamond Piers for a year and a half now, I personally installed 5 piers in 1 hour 15 minutes total! Amazing product!"

Shayne Jordan • Contractor Sales • Maki Building Centers  
President of Home Builders & Remodelers Association of Central Massachusetts.

"I've been using these all over the west metro area ...all the piers have remained structurally sound through repeated frost cycles."

Bob Januik • Precision Decks • Mound, MN

"...A lifetime warranty on one of the most critical elements of a deck is why my clients choose Diamond Pier."

Brian Jacobson • 4 Quarters Design & Build • Plymouth, MN

"Started with Diamond Pier in May 2015 and they have made a WORLD OF DIFFERENCE to my business opening up an entire new world in terms of revenue!"

Norm Buteau • Norm Buteau Construction • Millbury, MA

"This is an amazing product... it is incredibly low-impact and very easy to install."

José Galarza • Prof. of Sustainable Design/Build • UMass Architecture+Design

"We have installed over 5,000 piers in the past 8 years, DP has changed the way we build decks. Time and cost savings, ease of install and lifetime warranty makes it a better foundation system."

Pat Noonan • O'Noonan Construction • Richfield, MN



**Diamond Pier Foundations, with Pin Pile Technology, Handle Loads Differently and More Efficiently than Conventional Methods.**



Featured on Public Television's

**HOMETIME.**



**DiamondPier**  
Limited

## Lifetime Warranty

Covering Parts and Labor

The Pin Foundations, Inc., Diamond Pier DP-50, and DP-75 Foundation Systems are warranted to perform to the published capacities for the life of the original supported structure.

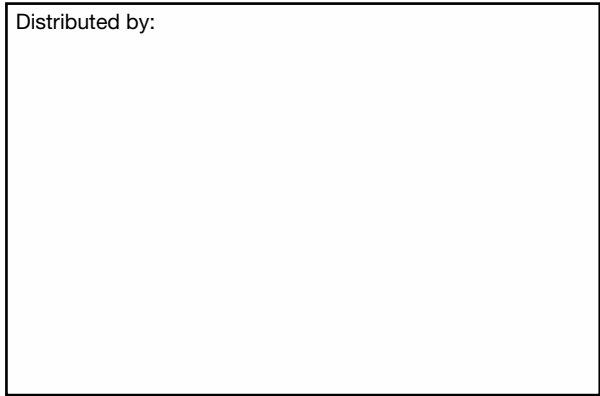
The above warranty shall apply only if the product is used in accordance with Pin Foundation's published "Use and Applications" document and installed in accordance with Pin Foundation's published "Residential Load Chart" and "Installation Manual".

Visit [www.DiamondPiers.com/residentialdecks/warranty](http://www.DiamondPiers.com/residentialdecks/warranty) for complete warranty information.

**DiamondPier**  
FOUNDATION SYSTEM  
with Pin Pile Technology

[www.DiamondPiers.com](http://www.DiamondPiers.com)

Distributed by:



**PIN FOUNDATIONS INC**

Beyond The Standard

# Diamond Pier

FOUNDATION SYSTEM  
with Pin Pile Technology



Install in Minutes  
...Frame Immediately



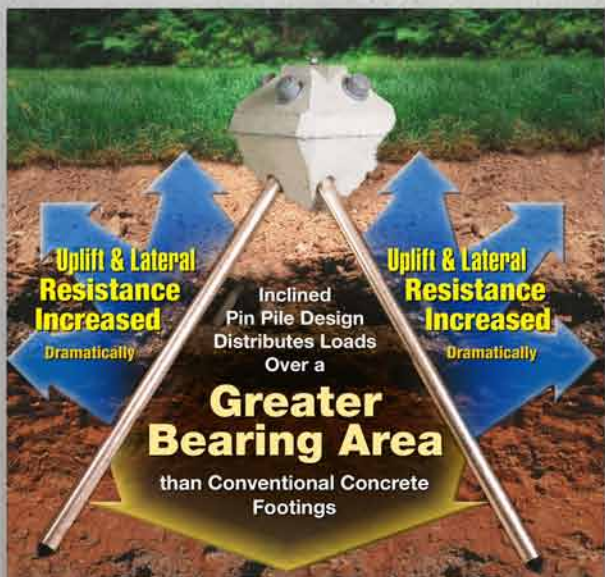
**Structurally Rated • Code Compliant**

# Building Beyond the Standard...

Construction without Excavation!



**Low Environmental Impact**  
**Undisturbed Soil**  
**for a Clean Job Site**



**DiamondPier**<sup>®</sup>  
**FOUNDATION SYSTEM**  
with Pin Pile Technology

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# DiamondPier<sup>®</sup>

Meets or Exceeds the Performance of Conventional Concrete Footings

## A Structurally Rated, Code Compliant Foundation System

- Combines Pin Pile Technology with High-Strength Concrete
- Install in Minutes... Frame Immediately
- Complete Projects 1 to 2 Days Faster
- Low Environmental Impact... a Clean Job Site
- Can be Removed and Reinstalled
- Proven Performance... Over 25-Year Track Record

...with a Lifetime Warranty *Covering Parts and Labor!*

For over 25 years, the **US Department of the Interior** has chosen Diamond Pier as the foundation system for some of their most demanding projects.



### Silts/Clays Minimum 1500 psf (CL, ML, MH, CH)\*\*

Model No./ Pin Length	Bearing Load Capacity	Equivalent Base Area	Cylinder Comparison	Frost Zone	Uplift Load Capacity	Lateral Load Capacity
DP-50/36"	2700#	1.8 sf	18" dia	24"	600#	600#
DP-50/42"	* 3000#	2.0 sf	19" dia	36"	* 900#	* 600#
DP-50/50"	3300#	2.2 sf	20" dia	48"	1200#	600#
DP-75/50"	* 3750#	2.5 sf	21" dia	48"	* 1400#	* 600#
DP-75/63"	4200#	2.8 sf	22" dia	60"	1600#	600#

*Equivalency to Traditional Concrete Footings* \* Interpolated from field test values

### Sands/Gravels Minimum 2000 psf (SW, SP, SM, SC, GM, GC)\*\*

Model No./ Pin Length	Bearing Load Capacity	Equivalent Base Area	Cylinder Comparison	Frost Zone	Uplift Load Capacity	Lateral Load Capacity
DP-50/36"	3600#	1.8 sf	18" dia	24"	600#	600#
DP-50/42"	* 4000#	2.0 sf	19" dia	36"	* 900#	* 600#
DP-50/50"	4400#	2.2 sf	20" dia	48"	1200#	600#
DP-75/50"	* 5600#	2.8 sf	22" dia	48"	* 1400#	* 600#
DP-75/63"	6400#	3.2 sf	24" dia	60"	1600#	600#

*Equivalency to Traditional Concrete Footings* \* Interpolated from field test values

**LOAD CHART**

Load Chart to be used for Normal Soil Conditions Only. See Manufacturer's Installation Manual for definitions and additional chart notes. DP-50 and DP-75 capacities used in conjunction with Manufacturer's "Use and Applications" document. \*\* See IRC Table R401.4.1 (Presumptive Load-Bearing Values of Foundation Materials) for a full description of applicable 1500 psf and 2000 psf soil types. For soils below 1500 psf, or soils with unknown characteristics, additional site and design analysis is required. For soils above 2000 psf, the values in this chart shall apply.



## DiamondPier<sup>®</sup> FOUNDATION SYSTEM

- Pin Pile Technology combined with a High-Strength Concrete Head that Meets or Exceeds ACI 318 Standards
- Galvanized Pins Meet or Exceed ASTM Standards
- High-Impact Inspection Plugs • Pin Caps Install After Inspection
- Cast-in, Galvanized Anchor Bolt to Secure Standard Post Brackets

*For all applications, refer to the manufacturer's complete Installation Manual.*



- MODEL DP-50**
- Loads Up To 4400#
  - 36", 42" or 50" Pins
  - Use in Areas with a Frost Depth Up To 48"
- MODEL DP-75**
- Loads Up To 6400#
  - 50" or 63" Pins
  - Use in Areas with a Frost Depth Up To 60"



The Diamond Pier DP-50 and DP-75 Models are recognized by the International Code Council (ICC) for residential applications. The ESR Code Compliance Document and Detail Drawings are available on our website... [www.DiamondPiers.com/ESR](http://www.DiamondPiers.com/ESR)

### Documents to Submit with a Permit Application

- ESR-1895 Code Compliance Document
- Wisconsin UDC Approval Evaluation
- Detail Drawings and Load Chart



### Pin Driving Bit

For use with most breaker hammers that accept a 1-1/8" hex shaft.

Available at [www.DiamondPiers.com](http://www.DiamondPiers.com)