

A Track Record of Over 20 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.

"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

"I know that my deck projects will perform as well, or better, than the traditional footings that we have used in the past."

Jon Brennhofner • Outdoor Spaces Design & Build • Apple Valley, MN

"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

"3000 piers (installed) and counting, Diamond Pier has changed how we build decks. Time and cost savings, installation speed and lifetime warranty makes it a better foundation system."

Patrick 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® Lifetime Warranty

Covering Parts and Labor

The Pin Foundations, Inc., Diamond Pier DP-50, and DP-75 Foundation Systems 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. See the complete Installation Manual for details.

DiamondPier®
FOUNDATION SYSTEM
with Pin Pile Technology

www.DiamondPier.com

Distributed by:



PIN FOUNDATIONS INC

Diamond Pier®

FOUNDATION SYSTEM
with Pin Pile Technology



Install in Minutes
...Frame Immediately

DP-50
IRC Compliant
ESR-1895

Structurally Rated • Code Compliant

**Construction
without Excavation!**



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



DiamondPier
FOUNDATION SYSTEM
with Pin Pile Technology

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DiamondPier

Meets or Exceeds
the Performance of
Conventional Piers

A Heavy-Duty 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 20 Year Track Record

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

For over 20 years, the
**US Department
of the Interior**
has chosen Diamond
Pier as the foundation
system for some
of their most
demanding projects.



The U.S. Fish and Wildlife Service
Nisqually Estuary Boardwalk

Load Bearing Capacity Comparison

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

Model / Pin Length >>>	DP-50 ESR-1895 Code Compliant				
	DP-50 36"	DP-50 42"	DP-50 50"	DP-75 50"	DP-75 63"
Bearing in 2000 psf Sands	3600#	3600#	3600#	5150#	5850#
Bearing in 1500 psf Silts/Clays	2700#	2700#	2700#	3870#	4400#
Equivalent Bearing Area	1.8 sf	1.8 sf	1.8 sf	2.58 sf	2.93 sf
Base Area Comparison	18" Cylinder	18" Cylinder	18" Cylinder	21" Cylinder	23" Cylinder
Uplift	670#	920#	1175#	1215#	1380#
Lateral	575#	820#	1070#	1150#	1310#
Frost Zone Rating	36"	42"	48"	48"	60"

Load Chart to be used for Normal Construction Conditions Only. See Manufacturer's Installation Manual for definitions and additional chart notes. DP-50 capacities used in conjunction with ESR-1895 per blue bordered box above shall be limited to residential decks, covered decks, stairways and walkways.



DiamondPier
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



DP-50

- Loads Up To 3600#
- 36", 42" or 50" Pins
- Use in Areas with a Frost Depth Up To 48"

DP-75

- Loads Up To 5850#
- 50" or 63" Pins
- Use in Areas with a Frost Depth Up To 60"

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

**DP-50
Code
Compliant**

The Diamond Pier DP-50 is recognized by the International Code Council (ICC) for residential applications. The DP-50 ESR Report (ESR-1895), Performance Reports, and the DP-50 Detail Drawing are available on our website...

www.DiamondPier.com/ESR

**Documents to Submit
with a Permit Application**

- DP-50 ESR Report
- Performance Reports
- DP-50 Detail Drawing



Pin Driving Bit

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