

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

"With over 5,000 piers installed over 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® 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.

Visit www.DiamondPiers.com/residentialdecks/warranty for complete warranty information.

DiamondPier®
FOUNDATION SYSTEM
with Pin Pile Technology

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 No-Mess Installation



DiamondPier
FOUNDATION SYSTEM
with Pin Pile Technology

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DiamondPier®

Meets or Exceeds the Performance of Conventional Piers

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.



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

Equivalency to a traditional concrete pier is indicated by Base Area Comparison and Frost Zone Rating.

Load Bearing Capacity Comparison

Model and Pin Length >>>	IRC Prescriptive Bearing ESR-1895			US Patents: 5,039,256; 6,910,832; 7,326,003	
	DP-50 36"	DP-50 42"	DP-50 50"	DP-75 50"	DP-75 63"
Bearing in 2000 psf Sands/Gravels	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	12" - 24"	30" - 42"	48"	48"	60"

Load Chart to be used for Normal Soil 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.



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.DiamondPiers.com/ESR

Documents to Submit with a Permit Application

- DP-50 ESR Report
- Performance Reports
- DP-50 Detail Drawing
- Cross Pin Group Test for DP-75 bearing and all uplift/lateral loads



Pin Driving Bit

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