



ISO17020 (IAS AA-682)  
ISO17025 (IAS TL-259)

CSI 02:02450

Listing Report: **PV060105-3**

**PRODUCT:** *The Black Pad Pier Pad*  
**DIVISION:** **Site Construction (02)**  
**SECTION:** **Foundation and Load-Bearing Elements (02450)**  
**APPLICATION:** **Manufactured Housing**

**Manufacturer:**  
**PolyVulc USA, Inc.**  
**1645 Haining Rd**  
**Vicksburg, MS 39180**

**Manufacturing Location(s):**  
*As noted above*

- 1. SUBJECT:**  
*The Black Pad pier pad models: PP1616, PP1723, PP1818, PP2020, PP2626.*
- 2. SCOPE:**  
NTA, Inc. has evaluated the above product(s) for compliance with the following codes:
- Federal Manufactured Home Construction and Safety Standards, 24 CFR §3280

NTA, Inc. has evaluated the following properties of the above product(s):

- Concentrated load capacity

- 3. USES**  
*The Black Pad pier pad may be used to provide a foundation footing to distribute concentrated pier loads to the underlying soil for manufactured housing constructed under 24 CFR §3280. The Black Pad may be used on soils having allowable bearing capacities ranging from 1000 psf to 3000 psf.*

- 4. DESCRIPTION:**  
*The Black Pad pier pads are injection or compression molded plastic pads, with a smooth surface and a ribbed surface. The size varies with the model, as provided in Table 1.*

- 5. INSTALLATION:**  
Each pad or bundle of pads shall be provided with operational instructions. This evaluation does not cover installation of the pier pad into a complete foundation system. Proper foundation design involves many factors which must be considered separately by those responsible for approval of the overall foundation design. Pads are to be installed based on the foundation design of the manufactured home to be supported. Individual pier loads must not exceed the values listed on the pad for the allowable soil bearing strength and pier type, either a nominal 8x8x16-in. CMU

block or a steel pier stand having a base that is 7.25-inches square. The maximum allowable concentrated loads for each listed model are provided in Table 1.

**6. CONDITIONS OF USE:**

*The Black Pad pier pads described in this report comply with the codes listed in Section 2.0 of this report, subject to the following conditions:*

- 6.1.** Installation complies with this report and the manufacturer's installation instructions.
- 6.2.** Installation is limited to soil with allowable bearing strengths of 1000 psf to 3000 psf. Soil bearing strength must be verified
- 6.3.** Loose soil and/or vegetation must be removed prior to installation.
- 6.4.** Pier consists of single or double stacked CMU blocks having nominal dimensions of 8x8x16-inches, or a steel pier stand having a 7.25-inch square base 1.5-inches wide.
- 6.5.** The design pier load does not exceed the lesser of the pad capacity, soil capacity, or pier capacity.
- 6.6.** In areas subject to frost heave the pad must be installed below the frost line or as required by the authority having jurisdiction.
- 6.7.** The pads are manufactured in the production facility(ies) noted in this report and under a quality control program approved by NTA, Inc.

**7. EVIDENCE SUBMITTED:**

NTA, Inc. has examined the following evidence to evaluate this product:

- 7.1.** Review of plant quality assurance manual
- 7.2.** Plant certification inspection of manufacturer's production facilities, test procedures, frequency and quality control sampling methods, test equipment and equipment calibration procedures, test records, dates and causes of failures when applicable.
- 7.3.** Qualification test data in accordance with 24 CFR §3280.401(b)
- 7.4.** Follow-up quality assurance audits of the production facility(ies) in accordance with NTA IM007.
- 7.5.** Follow-up testing in accordance with NTA IM007. Evaluation evidence and data are on file with NTA, Inc.

*This listing report is intended to indicate that NTA Inc. has evaluated product described and has found it to be eligible for labeling. Product not labeled as specified herein is not covered by this report. NTA Inc. makes no warranty, either expressed or implied, regarding the product covered by this report.*

NTA, INC. • 305 NORTH OAKLAND AVENUE • P.O. BOX 490 • NAPPANEE, INDIANA 46550  
WEB: WWW.NTAINC.COM

PHONE: 574-773-7975  
FAX: 574-773-2732

Polyvulc Listing Report 2005-06-06.doc  
Prepared by: Eric Tompos  
Reviewed & approved by: Frank Brubaker

Issue Date: 06/06/05  
Expiration Date: 06/07/06  
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**8. FINDINGS:**

All pier pads are manufactured under an in-plant Quality Assurance program to insure that the production quality meets or exceeds the requirements of 24 CFR §3280 and the criteria as established by NTA, Inc. Furthermore, pier pads must comply with the conditions of this report.

*This report expires one year from the issue date noted below.*

**9. IDENTIFICATION:**

Each eligible pad or shall be permanently marked to provide the following information:

- a) The NTA, Inc. listing mark, shown below;
- b) NTA's Listing No. PV060105-3
- c) name & address of manufacturer;
- d) pad model number;
- e) rated load capacity.



**Table 1: Pier Pad Models and Maximum Load Capacity**

Model	Nominal Dimensions (L x W x T)	Pier Types*	Maximum Pier Load (lbs)		
			Soil Allowable Bearing Capacity		
			1000 psf	2000 psf	3000 psf
PP1616	16 x 16 x 1.2-in.	CMU/Pier Stand	1750	3500	5250
PP1723	17 x 23 x 1.2-in.	CMU	2710	5430	8140
PP1818	18.5 x 18.5 x 1.2-in.	CMU/Pier Stand	2474	4940	5590
PP2020	20 x 20 x 1.2-in.	CMU/Pier Stand	2770	5550	5840
PP2626	26 x 26 x 1.2-in.	CMU/Pier Stand	4690	7390	7390

\* Refer to Section 6 for details on pier types.

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