



TEXAS DEPARTMENT OF HOUSING AND COMMUNITY AFFAIRS

George W. Bush
GOVERNOR

Daisy A. Steiner
EXECUTIVE DIRECTOR

June 14, 1999

Mr. Lon Larson
Manufactured Housing Foundation Systems, Inc.
562 Glenheather Drive
San Marcos, CA 92069

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Dear Mr. Larson:

The Texas Department of Housing and Community Affairs (TDHCA) approves the following Manufactured Housing Foundation Systems, Inc. footing models for the installation of manufactured homes in Texas:

- Listing I.D. Number 1055-7, 20 inch by 20 inch ABS plastic pad;
- Listing I.D. Number 1055-7, 20 inch by 20 inch ABS plastic pad which overlays two I.D. Number 4148-4, 13 inch by 26 inch ABS plastic pads;
- Listing I.D. Number 1055-9, 18.5 inch by 18.5 inch ABS plastic pad;
- Listing I.D. Number 1055-8, 16 inch by 18 inch ABS plastic pad; and
- Listing I.D. Number 1055-10, 16 inch by 16 inch ABS plastic pad.

Evidence Submitted

Product Testing, Inc. of Jacksonville, Florida certified the footings with Job #99-2128 and the May 18, 1999 Supplemental Report. The May 18, 1999 Supplemental Report describes the following documents which contain the initial qualifying test reports: Job #96-0723; Job #97-1028; Job #98-1758; Job #98-1759; and Job #98-1760.

Descriptions of Footings

The Manufactured Housing Foundation Systems, Inc. Installation Instructions for ABS Pads contained in the Product Testing, Inc. May 18, 1999 Supplemental Report describe the footing areas. The ABS plastic footings have a waffle or ribbed type of construction. The footings are marked with the listing I.D. numbers.

Conditions for Use of Footings

The footings must be installed in accordance with the Manufactured Housing Foundation Systems, Inc. Installation Instructions for ABS Pads.

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MANUFACTURED HOUSING DIVISION
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In accordance with the Product Testing, Inc. May 18, 1999 Supplemental Report, the certification of the ABS footings ends, if changes are made to the design or materials of construction. Unless renewed, this approval letter and the TDHCA approval stamps on the enclosed certification report documents expire on June 14, 2009. The TDHCA Executive Director has the authority to withdraw approval of these footings on an earlier date, if any of the conditions described in rule 10 TAC §80.62(g) exist.

Yours very truly,



Edward R. Cervenka, P.E.
Chief Engineer

Enclosures: Product Testing Inc. Job #99-2128, with TDHCA stamp
Product Testing Inc. May 18, 1999 Supplemental Report, with TDHCA stamp
Product Testing Inc. Job #96-0723, Job #97-1028, Job #98-1758, Job #98-1759, and Job #98-1760

TEXAS DEPARTMENT OF LICENSING AND REGULATION



Policies and Standards Division
P.O. Box 12157 Austin, Texas 78711 (512)463-7354 FAX (512)463-1376

August 1, 1995

Mr. Lon Larson
Mobile Home Safety Products
1990 N. McCulloch Blvd. # 110-D
Lake Havasu City, Arizona 86403

Subject: ABS Plastic Footing Pads
MH-EREV-M-5077

Dear Mr. Larson:

The Texas Department of Licensing and Regulation approves the following 3/4 inch thick ABS Plastic Foundation Pads for use under approved manufactured home support piers:

PAD AREA	APPROVED TYPE OF PIER	IDENTIFICATION
16 " X 16 "	METAL AND CONCRETE BLOCK	ID # LISTING 4148-5
18.5" X 18.5"	METAL AND CONCRETE BLOCK	ID # SPA-264-1
TWO - 13.25" x 26.25" PADS UNDER ONE 18.5" X 18.5" PAD	DOUBLE TIER CONCRETE BLOCK	ID # LISTING 4148-4 (13" X 26")

SUBSTANTIATING EVIDENCE

The substantiating evidence is as follows: Job No. 1055, dated July 24, 1995, by Preferred Construction Inspections for ABS foundation pads loaded in compression with concrete blocks and metal piers; plastic footing pad and metal pier friction tests by Preferred Construction Inspections on June 6, 1995; plastic footing pad and concrete block friction tests by Preferred Construction Inspections on report dated July 31, 1995; drawing for 16" x 16" inch pad dated 3-23-95; drawing on page 5 of 5 showing the 13.25" x 26.25" and 18.5" and 18.5" pads; and weatherometer exposure tests by CRT Laboratories on February 8, 1995.

INSTALLATION INSTRUCTIONS

All pads are to be installed flat side down, ribbed side up. The ground under the pads should be leveled as smooth as possible with all vegetation removed. Pier and pad spacing will be determined by the home manufacturer's installation instructions. Piers shall be centered on the pads. The metal pier bases shall be 7.25" x 7.25" or larger. The two 13.25" x 26.25" x 3/4" pads shall be placed side by side and one 18.5" x 18.5" x 3/4" pad shall be centered on top of the other two pads at a diagonal angle. Pins and ABS glue may be used to assemble the pads together.

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CONDITIONS FOR USE

The home manufacturer's installation instructions shall be followed concerning rain, A/C condensed water, and lawn irrigation water drainage away from the underside of the home. The department reserves the right to withdraw approval if the law or adopted standards change or evidence is received that the pads fail to perform.

Yours very truly,



Edward R. Cervenka, P.E.
Chief Engineer
Rules, Policies, and Codes