



OHIO MANUFACTURED HOMES ASSOCIATION
201 BRADENTON AVENUE, SUITE 100
DUBLIN, OHIO 43017-3540
PHONE 614-799-2340 FAX 614-799-0616

May 2002

ABS PADS AND OTHER ALTERNATIVE BASE SUPPORT SYSTEMS APPROVED

Joint OMHA/Ohio Department of Health Study Completed

In 1998, the OMHA Board of Directors authorized a \$70,000 study of alternative base support systems for homes in manufactured home communities. This study was conducted in cooperation with the Ohio Department of Health (ODH) with the goal of determining if more cost effective and safe systems could be utilized in Ohio's manufactured home communities in addition to existing base support systems already approved by the Ohio Department of Health.

Eight (8) base support tests were conducted in the Cleveland, Central and Southern Ohio regions. The homes and support systems measurements were tested over the course of an entire year or more by well-known industry engineering firm Progressive Engineering of Michigan. Russell Fling, PE, formerly affiliated with the Ohio concrete industry oversaw the study and issued all final reports. The base support systems studied were ABS pads, 8" cross ribbons, 4" pads with #4 rebar 12" on center, 4 1/2" ribbons, as well as 6" slabs. No system exhibited movement more than one-quarter (1/4") inch, and Fling found such minimal movement well within tolerances. OMHA submitted the final package of study results to the Ohio Department of Health in early March.

ODH Chief Engineer Diane Roller promptly reviewed the study results. Diane has approved the alternative systems including ABS pads. However, the approval will occur on a case by case basis and plans must be approved by Diane's office.

ABS Pads can never be used in a flood plain. Be sure to follow the approved plans exactly as the pier spacing requirements will vary for ABS pads.

For more information call ODH Chief Engineer Diane Roller at 614-644-5597
droller@gw.odh.state.oh.us or OMHA at 614-799-2340.



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DUBLIN, OHIO 43017-3540
PHONE 614-799-2340 FAX 614-799-0615
E-MAIL [HTTP://WWW.OMHA-USA.ORG](http://www.omha-usa.org)

BERT

MANUFACTURED HOME COMMUNITIES **BASE SUPPORT STUDY COMPLETED**

Await Ohio Department of Health Review

In 1998, the OMHA Board of Directors authorized a \$70,000 study of alternative base support systems for homes in manufactured home communities. This study was conducted in cooperation with the Ohio Department of Health (ODH) with the goal of determining if more cost effective and safe systems could be utilized in Ohio's manufactured home communities in addition to existing base support systems already approved by the Ohio Department of Health.

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