



State of Ohio
Weatherization Program
Standards

Section

MOBILE HOME INSPECTION

Subject

Belly

UNDER THE MOBILE HOME 602-5.1

Note if the mobile home has draftproofing, and if so, the type. Draftproofing may not be installed or repaired with HWAP funds.

draftproofing
602-5.1a

Note the condition of the belly, and if repairs are necessary prior to installing insulation.

belly
602-5.1b

Note moisture problems under or around the mobile home, and determine the source.

moisture
602-5.1c

FLOOR INSULATION 602-5.2

Calculate the floor area.

area calculation
602-5.2a

If draftproofing or another enclosure is present, determine if an adequate ground vapor barrier and adequate closeable NFVA vents are present. Mobile homes with draftproofing or another enclosure must have a ground vapor barrier installed on the earth. A vapor barrier is optional if no draftproofing is present.

ground vapor barrier
602-5.2b

Note the condition of existing insulation.

existing insulation
602-5.2c

Calculate the amount of additional insulation needed, and determine the best installation technique. Consider whether the joists run parallel or perpendicular.

insulation calculation
602-5.2d

The two approved installation methods are band joist tubing or belly access installation. Consider the presence of water and sewer lines and the potential for freezing with the addition of insulation.

installation methods
602-5.2e

Estimate the number of 1x3" boards needed to support the weight of fiberglass insulation on the belly board.

**insulation and belly
board support**
602-5.2f

closeable vents
602-5.2g

Calculate the amount of closeable NFVA present on mobile homes with continuous draftproofing. Mobile home floor insulation that is enclosed by draftproofing does not need foundation vents if the enclosed area is well drained and dry. Otherwise, specify closeable venting with a NFVA of 1 ft² for every 1500 ft² of enclosed area.

forced air furnace ducts
602-5.2h

Access the belly area and inspect the duct system if the mobile home has a forced-air system. Note any disconnections, excessive corrosion, holes, or other problems which must be corrected prior to installing insulation.

dryer vent termination
602-5.2i

Inspect for the presence of a dryer or other exhaust vent termination under the mobile home. All exhaust appliances must be vented to the outside with an appropriate termination fixture with a damper.