



State of Ohio
Weatherization Program
Standards

Section **MOBILE HOME
INSTALLATION**

Subject **Belly**

INSULATION PREPARATION 702-5.1

Observe health and safety regulations, and use proper PPE including, at a minimum, a nuisance dust rated respirator and goggles.

personal protective equipment
702-5.1a

Make repairs to the bellyboard to stop air movement or protect the insulation.

repair bellyboard
702-5.1b

If there is draftproofing, gain access to the underside of the mobile home. Remove any stored items. Draftproofing may not be installed or repaired with HWAP funds.

draftproofing
702-5.1c

Determine the source of any moisture problem, and correct the problem prior to insulating.

foundation moisture problems
702-5.1d

Cut access holes in the belly. Repair or replace all ductwork as necessary, and seal with mastic prior to insulating. Register boots may also need to be sealed from the inside.

duct repair
702-5.1e

If the floor cavity is used as the heating/cooling unit air return, seal off return air registers, and install grill(s) of equal area in the furnace closet door.

floor cavity/air return
702-5.1f

Repair or replace damaged sections of floor, subfloor, or framing as needed.

damaged floor/framing
702-5.1g

If draftproofing exists, install a continuous ground cover vapor barrier, if one is not present. A vapor barrier is not required if draftproofing is not present.

ground vapor barrier
702-5.1h

Install 1 ft² of closeable NFVA for every 1500 ft² of area enclosed by draftproofing unless the area is well drained and dry.

foundation vents
702-5.1i

Determine the most appropriate insulation installation technique. Insulation may be installed through holes cut in the belly or by drilling the rim joist in an adequate number of places to ensure complete coverage.

insulation installing techniques
702-5.1j

furring strip stabilizers
702-5.1k

If the belly is not rigid, install lath strips or furring strips perpendicular to the floor joists to prevent excessive belly sag.

*INSULATION 702-5.2***insulation amount**
702-5.2a

Install loose-fill fiberglass between the belly and the floor to a density of 1.6 lbs/ft³.

surface finish
702-5.2b

Patch holes in the belly with a compatible material and secure with mechanical fasteners. If installing insulation with a rigid tube through the rim joist, glue wood plugs into the holes after installing the insulation.

*CERTIFICATE OF INSULATION 702-5.3***certificate of insulation**
702-5.3a

Post a consumer information card or certificate of insulation which meets the requirements of OAC 109:4-3-14 on, or adjacent to, the electric service panel.