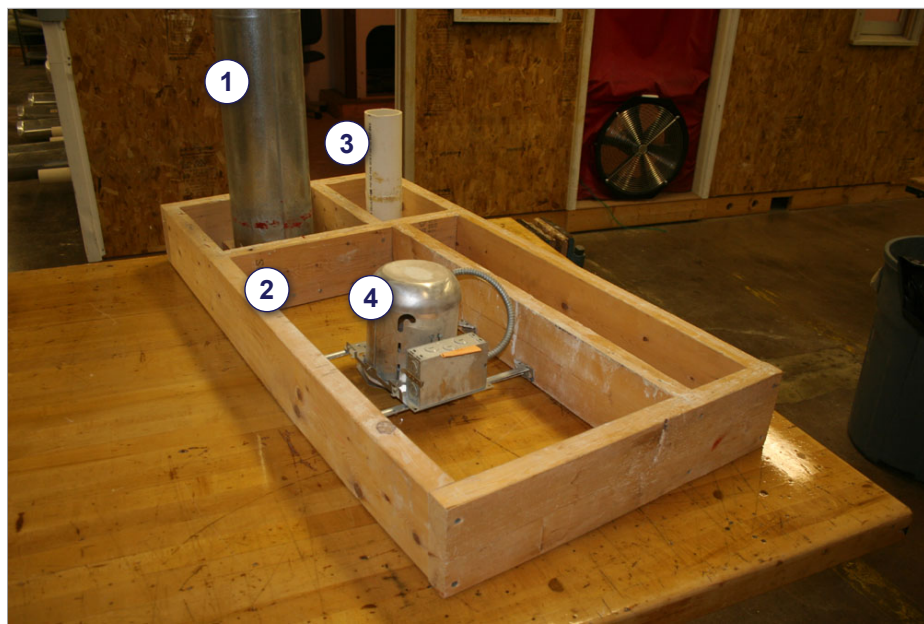




Air Sealing Prop



HOW IT WORKS

- Features include an attic bypass on the right, unsealed can light, PVC plumbing stack, and chimney through a simulated penetration.
- Cardboard and aluminum coil stock are fastened to openings with a hammer stapler. In the real world this flat stock would be backsealed with foam prior to fastening, but this step can be omitted to ease prop recycling.
- Recessed light fixture is covered with IRC-approved can light cover fabricated from ½ inch drywall and tape. The cover must provide 3 inches of clearance around the fixture and fit inside the rafter bay.



Cardboard and aluminum coil stock are fastened to openings. Students can work alone or in groups of two on this small prop.



Detail of can light cover. Requires skill in measuring, cutting, and fitting.

USE TO:

Demonstrate air sealing

Let students air seal around various typical attic penetrations

PROP MATERIALS:

- 1 Vent pipe
- 2 2x6 frame, laid flat to support PVC and vent pipe
- 3 PVC
- 4 Recessed light fixture

STATION MATERIALS:

High-temp. caulk & gun
Cardboard or similar
Aluminum coil stock
Spray foam
Sheetrock
Drywall tape & saw
Tin snips
Measuring square
Pencils
Utility knife
Staple gun and staples
Eye protection

For additional information visit
www.weatherization.energy.gov
or call 1-877-337-3463