

February 6, 2025

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# CTAC Residential Topics

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# Agenda

## Attic and Knee wall Access

Pre-qualification for Attic and Wall

## Wall Insulation Qualification Requirements

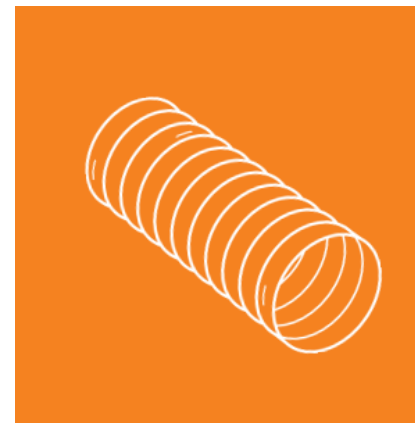
## Customer Report

# Attic and Knee wall Access – Draft for Discussion

Homes that have inaccessible kneewalls and/or attics and no other barriers to running a blower door test



- Perform **pressurized** blower door test, with customer advisement and approval
- Limits risk of any unknown contaminants being pulled through the home

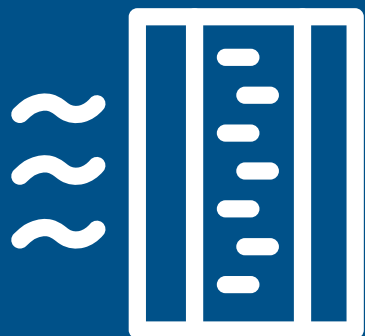


- Conduct only **pressurized** duct leakage to the outside testing

# Current prequalification criteria for walls

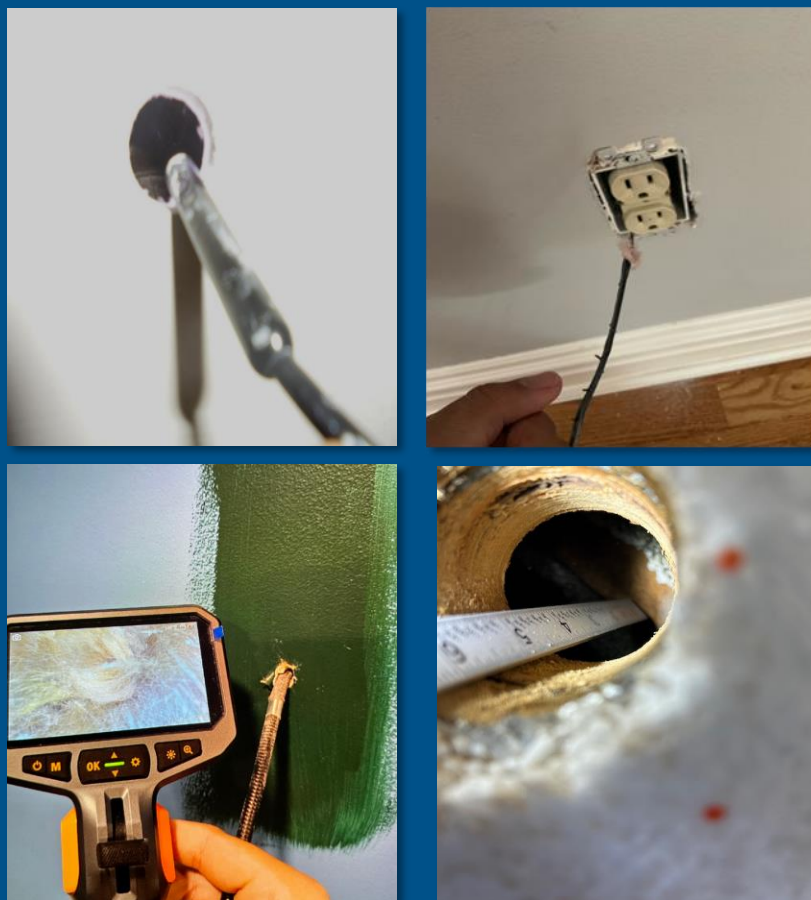
States	Existing Walls Prequalification
CT	<b>Insulation R4 or less existing in the walls allows for dense packing to manufacturer's specifications</b>
MA	The auditor will determine if more insulation is needed, if it is practical to install insulation, and include it on the work proposal for review and approval prior to the installation. The installer will determine how to add insulation to the wall cavity to meet the material installation standards. Wall insulation is installed infrequently when any insulation already exists.
NY	If pre-existing fiberglass wall insulation is found, participating contractor must consult with program implementation staff. Additional insulation may only be installed with prior approval. When insulating walls, if pre-existing wall insulation is present, the crew must accurately document, with notes and pictures as needed, the location of added wall insulation

# Exterior Wall R-Value



- On June 10, 2024, Companies issued memo regarding exterior wall R-value assessment after learning some contractors were using the DOE Home Energy Score Assessor Calculator default values
- Alignment ensures contractors follow Program Savings Document (PSD) requirements for incentive qualification to ensure cost effectiveness of the measure
- **Enclosed cavities require ~3 inches of available cavity space to properly dense pack**

# Wall Qualification



Accepted methods to evaluate exterior walls

- Borescope
- Obtain a sample
- First (original) layer of attic Insulation, if applicable
- Exterior wall cavity photo
- Infrared Scan
- Balloon frame accessibility

# Customer Report

## Future Enhancements

- Companies are working with an external firm to facilitate a customer report redesign.
  - SOW in continued negotiation
  - Launch hold until program redesign is confirmed
- The process will include engagement of all stakeholders.
- This effort will also include an assessment of the DOE Home Energy Score collection in the Hancock MINT mobile tool.
- Currently customers receive an Energize CT and Home Energy Score report separately. The goal with this effort is for the reports to be combined.
- Home Energy Scores will also be added to the US Green Building Registry.

# Questions





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**Thanks**  
**for the**  
**discussion.**

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