Life Expectancy of Mineral Fiber Batt Study
(exterior wall batt-type thermal insulation)

1. Purpose of the Study:

This study is to assess the physical condition and thermal property of in situ wall batt-type thermal insulation that has been in service for at least 30 years.

2. Requirements of Sample Materials:

2.1. Batt-type thermal insulations on exterior walls (cavities) in buildings / houses with at least 30-year service life, excluding acoustical insulation
2.2. Fiberglass or rock wool batts
2.3. Batts that must have manufacturer’s identification markings for its nominal thermal resistance (R-value)
2.4. Three stud-bay samples from the same building (house)

3. Sampling Process and Requirements:

3.1. Record address on the sampling datasheet issued by Home Innovation, and take photos of the building (house);
3.2. Record on the sampling datasheet the year the building (house) was built and wall insulation installed, if remodeled;
3.3. Take photos of the manufacturer’s identification marking, and record on the datasheet the marking and observations of the walls and materials before removal;
3.4. Measure the width, height and depth of the batt inside the cavity per Home Innovation’s instruction before removal, record the measurements on the datasheet;
3.5. Carefully remove sample materials from wall cavities starting with edges and getting behind the batt, not to make any damage to the material;
3.6. Lay the batt material on the floor and make dimensional measurements per Home Innovation’s instruction, record the data on the datasheet;
3.7. Check the datasheet and sign it;
3.8. Fold each sample batt material and store into a plastic bag issued by Home Innovation;
3.9. Follow instructions to fill in a blank label issued by Home Innovation, initial the bag label;
3.10. Place the label on the bag, mark and initial the bag using a permanent marker per Home Innovation’s instructions;
3.11. Use a cardboard box with proper size to pack all sample bags, ship the box using Home Innovation’s shipping label.
3.12. All original documents and datasheets must be mailed to Home Innovation on the same day when the sample box is shipped. Photos can be emailed to Home Innovation.
3.13. A bounty of $250 per sample will be offered in exchange for qualifying insulation samples associated documentation.