

LEARNING BITES: SUSTAINABILITY & REAL ESTATE

Video 3: High Performance

A high-performance home is more than a few "green" features. First and foremost, it starts with making the building _____.

A high-performance home should achieve:

1. _____
2. _____
3. _____
4. _____
5. _____

Some of the most common ways to improve a home's performance through the building envelope is by increasing the amount of _____, improving _____, and using highly insulated _____ and _____.

The lower the R-Value the better the thermal performance of the insulation. TRUE OR FALSE

As a building becomes more efficient, the load on the mechanical system goes down, therefore giving the opportunity to downsize the system and often saving on maintenance, operational costs and the system itself. TRUE OR FALSE

When combined, what 2 ways help to test the air tightness of a home and its thermal performance? _____

What are some ways a home consumes energy?

1. _____
2. _____
3. _____

What are the primary heating systems in Canada?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Which kind of light is currently the most prevalent and energy efficient option?

- a. Incandescent
- b. Compact Fluorescent
- c. LED

What are the 4 options discussed for Renewable Energy Systems?

1. _____
2. _____
3. _____
4. _____

Canadians spend _____ of their time indoors and indoor quality plays a vital role in the health of the home's occupants. Therefore, it's very important to have clean and pure air in indoor spaces.

- a. 60-65%
- b. 75-80%
- c. 90-95%
- d. 25-30%

