

High Performance Walls Quiz

1. In a properly insulated wall cavity, the insulation should have how many of its surfaces in contact with the adjacent assembly?
 - a. 2
 - b. 4
 - c. 6
 - d. 8
2. When installing insulation, it is best to avoid which of the following?
 - a. Voids, gaps or compressed insulation
 - b. Completely fill the wall cavity on all surfaces
 - c. Use the manufactures installation procedures
 - d. Install insulation in contact with the air barrier
3. A wood framed wall with studs at 24" on center has a framing factor of approx. what percentage?
 - a. 20%
 - b. 22%
 - c. 24%
 - d. 26%
4. Which of the following describes the energy efficiency benefits of utilizing advanced wall framing techniques?
 - a. Increase the total assembly U-factor of the wall
 - b. Reduce the amount of lumber harvested from sustainable forests.
 - c. Increase the rate of heat transfer through framing members
 - d. Reduce the rate of heat transfer through framing members
5. What type of insulation is typically used to provide a continuous layer of insulation on the exterior of a framed wall?
 - a. Loose-fill fiberglass insulation
 - b. Fiberglass batt insulation
 - c. Rigid foam insulation
 - d. Spray foam insulation