

Thermohouse and Energy.

The thermohouse system provides a superior high performance building envelope. This is a vital consideration in the design of a new building, not only to meet current Building Regulations (TGDL), but also to safeguard against rising energy costs. We all know that in today's market energy efficiencies are the main criteria, particularly from an ongoing building operating cost perspective.

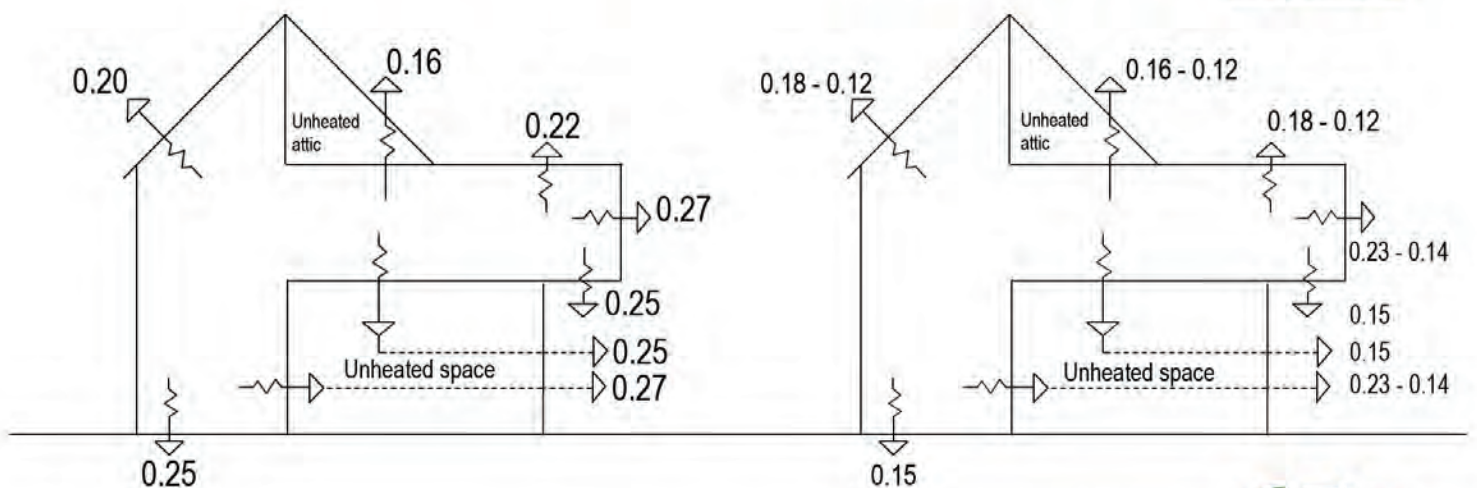
The Thermohouse system exceeds current requirements. Occupiers will benefit immediately with a reduced energy demand and lessen the rising cost of energy in the future - a win, win system building envelope!

What is a U-Value?

To put it simply, U-Value is the measure of the rate of heat loss through a material. Thus in all aspects of home design one should strive for the lowest U-Values possible, because the lower the U-value - the less heat that is needlessly escaping. So for example single glazed windows have a typical U-value of 5. while double glazed windows have a typical U-Value of 2.8. The calculation of U-Values can be rather complex-it is measured as the amount of heat lost through one square meter of the material for every degree difference in temperature either side of the material. It is indicated in units of Watts per metre Squared per Degree Kelvin or W/m²K.

Current **BUILDING REGULATIONS**

Thermohouse **SUPERIOR HIGH PERFORMANCE** **45% IMPROVEMENT...**



Thermohouse **BENEFITS** **45% IMPROVEMENT...**

- **35% IMPROVEMENT** of current building regulations
- **35% IMPROVEMENT** on Walls
- **40% IMPROVEMENT** on Roofing
- **45% IMPROVEMENT** on Flooring