

Download Branz House Insulation Guide

The new BRANZ House Insulation Guide 5th edition is intended to help designers assess the thermal performance that can be expected for given levels of insulation and common construction options. The BRANZ House Insulation Guide provides construction R-values for common construction types. You can find some of the examples here: Roofs. In an uninsulated house more heat is lost through the ceiling and roof than any other part of the house, making the roof the top priority for insulation. A recent caller to the BRANZ helpline asked why the BRANZ House insulation guide does not include examples of a slab-on-ground floor insulated using either polystyrene under the entire floor slab or a much thicker layer of insulation. The answer is simply that the thermal performance achieved is essentially the same as only adding insulation under the floor slab for the first 1.2 m from the ... The BRANZ House insulation guide details the expected thermal performance for common construction options. It didn't include the thermal performance of floor slab systems with polystyrene pods, but recent modelling means this data is now available. By Ian Cox-Smith, BRANZ Building Physicist