



# Residential Building Thermal Performance

A Building Thermal Performance Assessment also known as a House Energy Rating evaluates the thermal efficiency of a new house design. In other words, it measures the home's ability to stay naturally cool in summer and warm in winter.

The Building Code of Australia (BCA) Part 2.6 is the overall regulation mandating Building Thermal Performance Assessments of residential buildings.

## When you need an Accredited Assessor

The Building Code of Australia (BCA) requires that Local Building Approval Authorities (Building Surveyors at Local Councils) obtain evidence that a design meets the 'Performance Requirements' or 'Deemed to Satisfy Provisions' of the Energy Efficiency sections of the BCA. This evidence may be in the form of a certificate from an 'appropriately qualified person'.

ABSA has developed a complete Accreditation Scheme that regulates the practice of its Assessors that conduct Simulation ratings for the 'Performance Requirements' of the BCA to provide professionals that are appropriately qualified for this role. ABSA Accredited Assessors must be engaged to generate a Building Thermal Performance Assessment under some State regulatory schemes. ABSA has extensive accreditation and Quality Assurance procedures for assessors, to ensure that consumers and regulators can be confident in receiving a high standard of professional service.



Park Homes were at the forefront to develop Home Solutions that went beyond the 5 Star Sustainability level and have been able to develop 6 and even 7 star solutions. More importantly we have been able to develop solutions for the Tasmanian environment that saved money on construction. In some cases we have found that using double glazed windows on some windows in some locations REDUCED the star ratings as it reduced the winter sun entering the home.

Tony Park – ABSA member number [M0550](#) is developing new solutions for housing in Tasmania that exceed the Thermal Efficiency requirements, using First Rate 5, a state of the art software system that was developed by the CSIRO to measure the level of Thermal Efficiency of Residential Buildings.

We have designed quality floor, wall (including internal walls and roof insulation solutions, along with various window and cladding designs to exceed the requirements.

Ask us about other carbon saving solutions with Park Homes – the leaders in thermal efficiency and carbon saving solutions.