

Energy efficiency - Star rating reports

Our experience in the architectural, building and regulatory spheres ensures you obtain the best quality, helpful thermal performance report. We can help you become a leader in energy efficiency.

For the Architect or Building Designer

We receive your emailed plans/specifications (pdf or dwg) and provide you with a quotation for the assessment and certification.

Clarifications may be sought and then calculations undertaken. An approval is then issued for plans achieving the required star level.

For the Builder

Your pre-designed plans are assessed for eight north orientations and for some or all of South Australia's seven climate zones. You are then ready to market the design for its energy efficiency whatever the site orientation.

For the Home improver/seller

Be more comfortable year round and save on energy costs. A higher resale value for your house. Possible introduction of star ratings being required at house sale time.

For the Property Investor

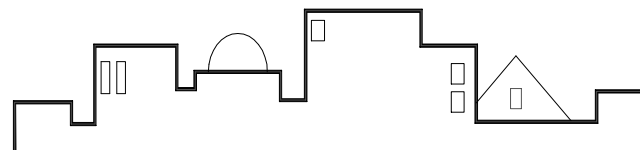
A more satisfied comfortable tenant with energy savings money in the pocket and wanting to stay longer is a bonus for the property investor. Cash in on the sales gains after May 2011 when the mandatory disclosure of star ratings at house sale are expected to take effect.

Aim for 7 or 8 stars !

FirstRate 5 software calculated energy star reports can accurately rate up to ten stars and are far more reliable than any "elemental method" (previously deemed-to-satisfy) results.

We are committed to providing accurate reports based on the construction details.

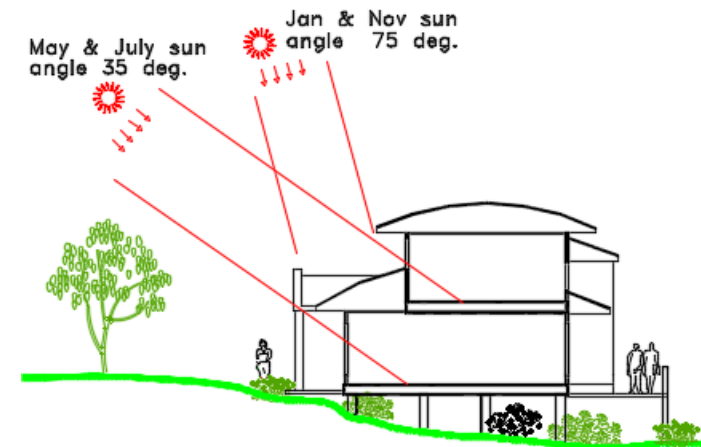
Beware of inexperienced software users, those not experienced in solar/thermal design, and those taking short cuts merely to boost the score.



Environmental Designs

Passive solar building design

- ◆ More comfortable to live in
- ◆ More sustainable
- ◆ Warmer in winter
- ◆ Cooler in Summer
- ◆ Lower power bills
- ◆ Lower impact on the environment
- ◆ Less CO₂ emissions
- ◆ A great investment
- ◆ Existing homes can be up-rated



Optimise natural warming and shading

Energy star rating	% improvement in thermal performance (over 5 stars)
6 stars	23.2%
7 stars	44.0%
8 stars	63.2%

Why choose an accredited Thermal Performance Assessor consultant ?

- ◆ Your environmental needs and aspirations will be considered.
- ◆ Custom reports and certifications.
- ◆ For a thorough 6 -star (or better) energy efficiency report.
- ◆ Extensive development regulation and building code knowledge.
- ◆ For a higher value, comfortable to live in home .
- ◆ We comply with a Code of Practice and have Professional Indemnity insurance.
- ◆ We undertake ongoing Professional Development.
- ◆ Cert IV in NatHERS Assessment (Nationwide House Energy Rating Scheme) trained.
- ◆ Our accreditation: Number VIC/BDAV/16/1736

**Energy efficiency assessment and approval services
Solar, thermal & environmental aspects of building design**

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Allan Johanson is a member of:

Housing Industry Association

www.hia.com.au



Australian Institute of Building Surveyors

www.aibs.com.au



To promote and develop the professional standing of members while contributing to health, safety and amenity of the built environment.

Building Designers Association of SA

www.bdas.com.au



Australian Solar Energy Society

www.auses.org.au



Alternative Technology Association

www.ata.org.au



Sustainable Communities

sustainablecommunities.org.au

and associate member of:

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www.abcmembers.com.au



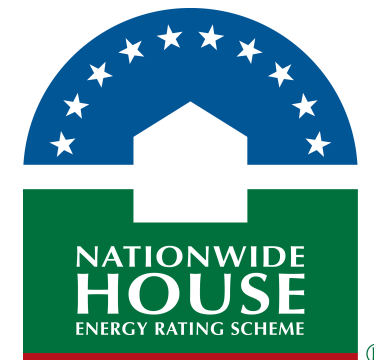
Allan E. Johanson & Associates BUILDING CODE ENERGY STAR RATING Thermal Performance Assessment

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(By appointment)



An accredited Thermal Performance Assessor: VIC/BDAV/16/1736, using FirstRate 5 software.



See  ^{AU} "Explaining NatHERS"