



THERMAL PERFORMANCE Cheat Sheet

TOP DESIGN PITFALLS THAT WILL KILL YOUR STAR RATING

PITFALL # 1

To much glazing on the project.

WHY IT HURTS

Heat escapes through windows in winter and enters through them in summer.

SOLUTION

Reducing glazing area by 10% can have a significant effect. Adjust the width to maintain shading performance.

PITFALL # 2

Conditioned loss to non conditioned spaces (like laundries, bathrooms with windows & garages).

WHY IT HURTS

Conditioned spaces lose conditioned heating or cooling to adjacent unconditioned areas.

SOLUTION

Grouping non conditioned areas together & insulating around allows insulation to work more effectively.

PITFALL # 3

Look at your roof, facade & window frame colour.

WHY IT HURTS

Depending on your climate zone the roof, facade & window frame colour can hinder the star rating as it is attracting or repelling heat.

SOLUTION

A lighter colour suits warmer climates like Darwin, Brisbane, Perth & Sydney, while a darker colour is better for colder climates like Canberra, Melbourne & Hobart.

PITFALL # 4

Look at your glazing orientation.

WHY IT HURTS

The orientation of glazing affects heat gain & heat loss, which directly impacts how much energy is needed for heating & cooling

SOLUTION

North-facing windows capture winter sun & cut heating needs. East & west windows can overheat rooms in summer, while south-facing windows get little sun & add little heat.

**WHAT DO WE
PROVIDE WITH
our service**

- Over 25 years experience in the construction industry.
- Quick turn around time.
- No surprises or redesigns.
- Support all the way through the project.



info@assessify.com.au