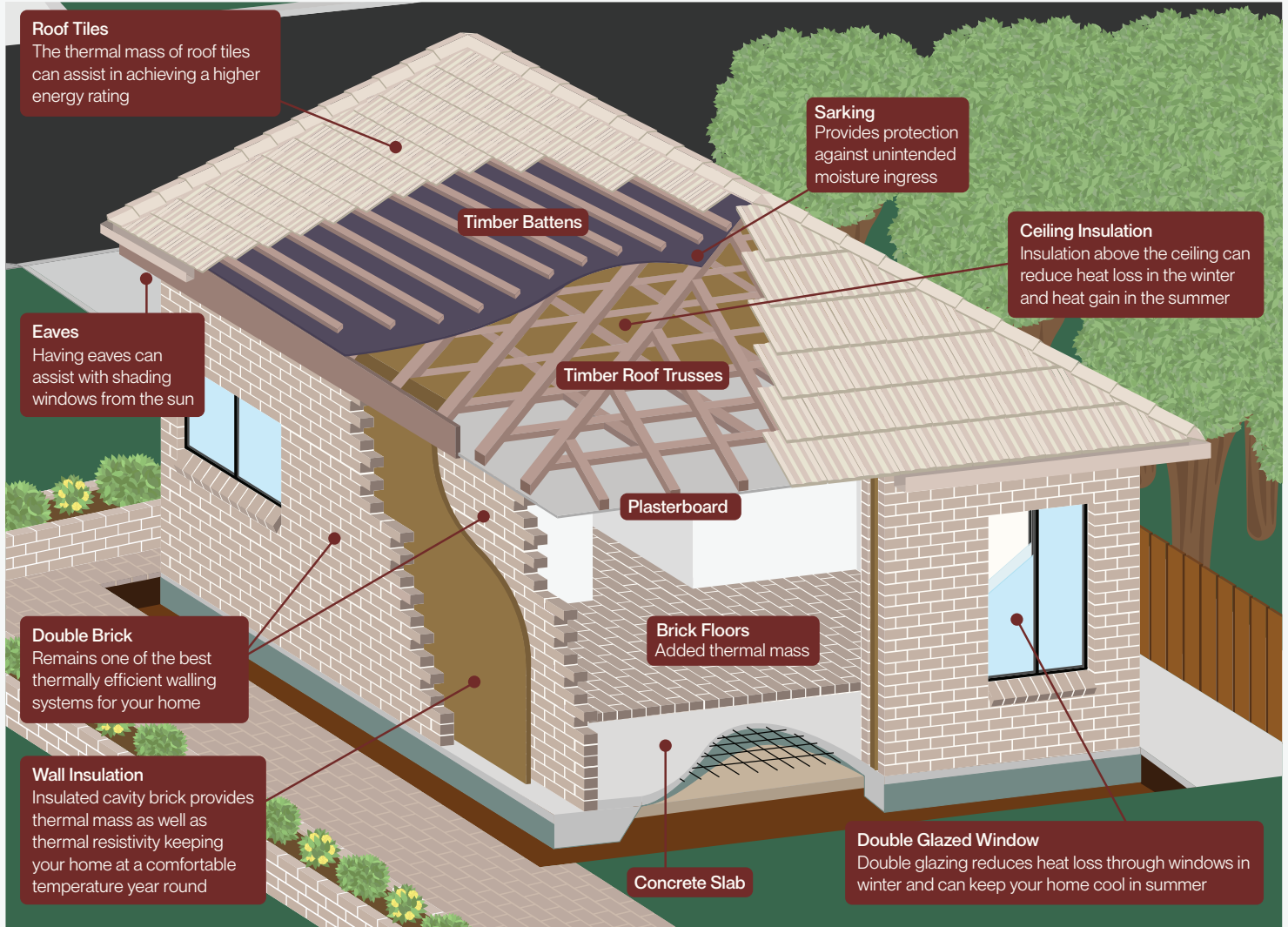


# 7 STAR BRICK HOME

Cheat Sheet

Midland Brick  
**THINK  
BRICK**  
AUSTRALIA



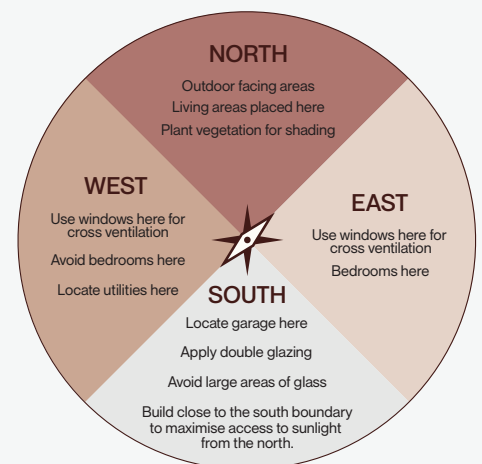
## IMPORTANCE OF PASSIVE DESIGN

To achieve a 7-star home it is important to utilise passive design for improved energy efficiency. Good passive design should reduce or eliminate the need for additional heating or cooling. With passive design, building features such as orientation, thermal mass, insulation, and glazing work together to take advantage of natural sources of heating and cooling, such as sun and breezes, to minimise unwanted heat gain and loss.

Utilising materials which have high thermal mass can play a crucial role in creating energy efficient, thermally comfortable, and sustainable homes. The thermal mass of

bricks allows them to store heat in winter and absorb excess heat in summer, resulting in energy efficient temperature regulation that can significantly reduce artificial heating and cooling costs.

By leveraging the thermal mass of bricks and incorporating effective passive design, your home can achieve greater energy efficiency and cost savings compared to lightweight construction.



OPTIMAL HOME ORIENTATION