



About Duncraig Sustainable Family Home

Designed for Today—and Tomorrow

Our home is everything we envisioned: comfortable, functional and thoughtfully designed for our family's future. Solar-passive principles, rooftop solar, heat-pump hot water and rainwater reuse help reduce both our environmental footprint and ongoing energy costs.

Universal access, generous storage and clever planning make the approximately 270m², four-bedroom home feel remarkably spacious. Wider doorways, step-free access and virtually no wasted corridor space ensure every area is practical and easy to navigate.

At its heart is an open-plan kitchen, dining and living area, with separate bedroom wings creating distinct zones for family life. North-facing glazing, an adjustable Vergola, block-out curtains and deciduous trees help manage sunlight and temperature throughout the seasons.

Handmade bricks bring warmth and character, while ceiling fans, natural light and established native gardens create a healthy, inviting home that is efficient, economical and comfortable year-round.

Sonya & Roger

Features at a glance

- ✓ 4 Bedrooms
- ✓ 2 Bathrooms & 1 Powder Room
- ✓ 2 Car Garage
- ✓ Zoned Kids Area with Activity
- ✓ Large Study/Home Office
- ✓ Open Plan Living Area
- ☆ 8.9 Stars – House Energy Rating

SUSTAINABILITY FEATURES



PASSIVE HEATING/COOLING

Passive solar designed home including

- Cross flow ventilation
- Thermal mass
- Vergola – External shading
- Pelmet with curtains



AGEING IN PLACE / UNIVERSAL ACCESS

- 870 Wide doors to extension
- Hobless shower recess
- Tapware accessible outside shower recess
- Flush thresholds to all external doors
- Kitchen benches 1400mm apart for easy manoeuvrability



ENERGY EFFICIENCY

- PV system
- Energy efficient lighting
- Energy efficient appliances
- Heat pump hot water system solely powered during the day by the PV's
- Draught proofing
- LED Lights throughout
- Natural daylight
- Zoning



INSULATION

- Anticon under roof
- Ceiling batts
- AirCell Permicav to double brick walls
- R4.1 Ceiling batts to the entire ceiling,
- GDI Thermalift R 1.8 Insulated sectional garage door



ACTIVE HEATING/COOLING

Mechanical heating and cooling systems

- Ceiling fans

