

Environmental Policy

Kauppila Pty Ltd is committed to being an environmentally friendly company. Our environmental policy includes and encourages the following aspects:

Water conservation

- ❖ Use of rainwater tanks for home and fire storage.
- ❖ Grey water systems for gardens.
- ❖ Waste water usage from worm farms or biocycle systems.
- ❖ Using water more efficiently. E.g. Water efficient shower heads and toilets.
- ❖ Well planned landscaping.

Materials used

- ❖ Use of sustainable plantation timbers.
- ❖ Select durable, low maintenance materials, which will stand the test of time.
- ❖ Recycled timbers or materials if applicable to projects.
- ❖ Stationery made from recycled paper products.

Waste Disposal

- ❖ Responsible disposal of all building wastes and rubbish.
- ❖ Recycling of wastes & rubbish.
- ❖ Separation & sorting recyclable waste and non-recyclable rubbish.
- ❖ Reuse or recycling of demolition materials (reducing landfill).
- ❖ Minimising wastage of materials through careful estimating, ordering and construction techniques.

Energy efficient design and building techniques

- ❖ Compliance with minimum 6 star energy rating – ensuring that all construction materials meet the required R-values as described in the energy rating report.
- ❖ Window glazing. As determined by the energy rating report including the use of UV resistant and double glazing units keeping the building cooler in summer and warmer in winter.
- ❖ Good use of curtains and blinds.
- ❖ Utilising services of architects with sound environmental policies and design principles.
- ❖ Cross ventilation – for cooling.
- ❖ Elimination of drafts. For example ensuring no gaps between window frames or by using draft stoppers/seals on exhaust fans and doors.
- ❖ Use of solar power and solar hot water services.
- ❖ Energy efficient appliances and lighting – make good use of natural light.
- ❖ Careful orientation of the building.
- ❖ Use of eaves (or louvres) to maximise winter sun and warmth and to minimise summer sun & heat.
- ❖ Incorporation of shade devices (pergolas, louvres, awnings, deciduous plantings).
- ❖ Use of high thermal mass materials (Hebel blocks, panels, straw bale, rammed earth, concrete slab design).

Other factors

- ❖ The use of sound insulation and glazing can also reduce noise pollution.
- ❖ Use of water based and low VOC paints & finishes.
- ❖ Construction of low maintenance long lasting homes.
- ❖ Ensure minimum impact of local environment during to construction. E.g. runoff, storm water damage, water pollution, dust pollution & noise pollution. E.g. covering stockpiles to protect from runoff into drains.
- ❖ Measures to prevent on-site erosion.
- ❖ Environmental friendly cleaning products (i.e. water with only a little methylated spirits for windows, water with eucalyptus oil for sanitiser).
- ❖ Recycling bins.