

## Gap Sealing with Transition Warringal and Transition 3081

**Notes from community session at Rosanna Library, based on personal experience of the presenters Penny Grose and Tony Lunken**

Exhaust fans: when installing new ones choose a model with self-closing blades or shutters, which prevent flow of air through the fan when it's not in use; old exhaust fans without ducting to the outside can be covered with a DraftStoppa, if there is space

Chimney: block the neck of the chimney with a bag full of old clothes, or buy new one of the products designed for the job, such as EcoMaster's Chimney Draught Stopper which is a medium density foam rubber that has been pre-cut to the size that can fit most chimneys and can be trimmed for a perfect fit at your place.

Any connection between inside and outside, such as water pipes, electrical conduit and split system aircon units: check behind all the sinks in your house and the oven and fill the gaps with either expanding foam, some scraps of bulk insulation, or foam rubber strips.

Gaps between floorboards: underfloor insulation will stop the free flow of air between floorboards, as will a rug over them; plastic strips that fit between the boards are available, e.g. StopGap

Gaps behind skirting boards and cornices: plaster-based filler when preparing to paint, or a bead of sealant if out of sight

Air vents in walls: masking tape temporarily, plaster-based filler, a designed-for-purpose cover, or clear sealant, e.g. FulaSeal UltraClear 701.

Windows: Heavy curtains reaching the floor with pelmets keep warm and cold air out.

Downlights: tricky! Beware of fire risk from overheating; keep bulk insulation away from them. Latest recommendation from energy efficiency advisors is to replace them with The Osram Tri Colour LED Downlight, a complete dimmable LED light fitting. Old halogen downlights use separate globes, fittings, and transformers. Now you can replace all three with a single long-lasting sealed 90mm cut out LED downlight. Simple to install and no bulb to replace, they are effectively maintenance free. Their IC-4 rating means they can be covered with ceiling insulation.

Doors and windows: lots of options with varying ease of installation, cost and durability

Weatherstrip in foam, neoprene, plastic, brush seals for door and window jambs (~\$15 per door or window); door snakes and strips for the bottom of doors; better quality perimeter seals such as Raven's RP78 and EcoMaster's Draught Dodgers (~\$70 per door or window)

CAUTION: don't want draughts; do want ventilation (for fresh air to breathe and to avoid condensation)