

# Toilet Set-out Reference Chart

The set-out decides which pans fit. **S-trap** (waste through the floor): measure from the **finished wall** to the centre of the floor waste. **P-trap** (waste through the wall): measure from the **finished floor** to the centre of the wall waste.

**Measure to the finished wall, not the framing**

Tile and adhesive take 12-20mm off each wall. A set-out measured against bare framing or render is the usual reason a pan sits proud of the wall. If the room is not tiled yet, add the tile-plus-adhesive thickness your tiler confirms.

## Common set-outs

| TYPE                           | TYPICAL SET-OUT                       |
|--------------------------------|---------------------------------------|
| S-trap, standard               | 140mm, 160mm or 170mm                 |
| S-trap, adjustable / universal | 60-260mm depending on model           |
| P-trap                         | 140mm-185mm above finished floor      |
| Wall-hung with in-wall cistern | Set by the cistern frame, not the pan |
| Back-to-wall                   | Usually adjustable via the connector  |

Typical Australian set-outs — always confirm against the specific product’s spec sheet.

## Your measurements

| MEASUREMENT        | HOW TO TAKE IT                                                                                | YOURS                                                 |
|--------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Trap type          | Waste into the floor = S-trap; into the wall = P-trap                                         | S <input type="checkbox"/> P <input type="checkbox"/> |
| Set-out            | Finished wall → waste centre (S) or finished floor → waste centre (P)                         | <div></div> <div>mm</div>                             |
| Water inlet height | Finished floor → centre of the stop tap. Close-coupled suites generally want around 100-150mm | <div></div> <div>mm</div>                             |
| Stop tap position  | Stop tap → pan centre line. Back-to-wall pans typically need about 150-200mm clear            | <div></div> <div>mm</div>                             |
| Projection         | Finished wall → front edge of the existing pan, to compare with the new pan’s depth           | <div></div> <div>mm</div>                             |

## Check the surrounds

- ☐ Clearance to the vanity, shower screen, bath, walls and door swing with the new pan’s depth.
- ☐ The stop tap stays reachable once the new pan is in.
- ☐ Toilet roll holder and any exposed pipework do not foul the new pan or cistern.

## If the set-out does not match the pan you want

- Choose an adjustable or universal pan — these cover a wide range and are the simplest fix.
- Fit an offset or flexible connector — your plumber will advise whether the fall still works.
- Moving the waste is possible but means lifting the floor; price it before committing.

**Photograph everything with the tape in shot**

Front-on, from the side, and close on the pipework. Send them with your enquiry and we will tell you which pans fit — it prevents a return that, on a made-to-order pan, would not be accepted. Installation and plumbing changes are a licensed plumber’s job.