

CAROMA

UNIVERSAL BATH/SHOWER MIXER - IN WALL BODY KIT WITH
INWALLGARD™ LEAK DETECTION BOX

PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * In-wall body kit & Trim kits are supplied in separate boxes. For Trim kit installation, follow the instructions supplied with the suitable Trim kit.
- * Brazed connections should NOT be made directly onto the mixer, as excessive heat will cause permanent damage.
- * All pipework must be thoroughly flushed prior to installation.
- * Sealant/ waterproofing materials used to seal the wall penetration and lining board must not interfere with the removal of the protective sleeve (10) and installation of the trim components.

Installation (Fig. 1)

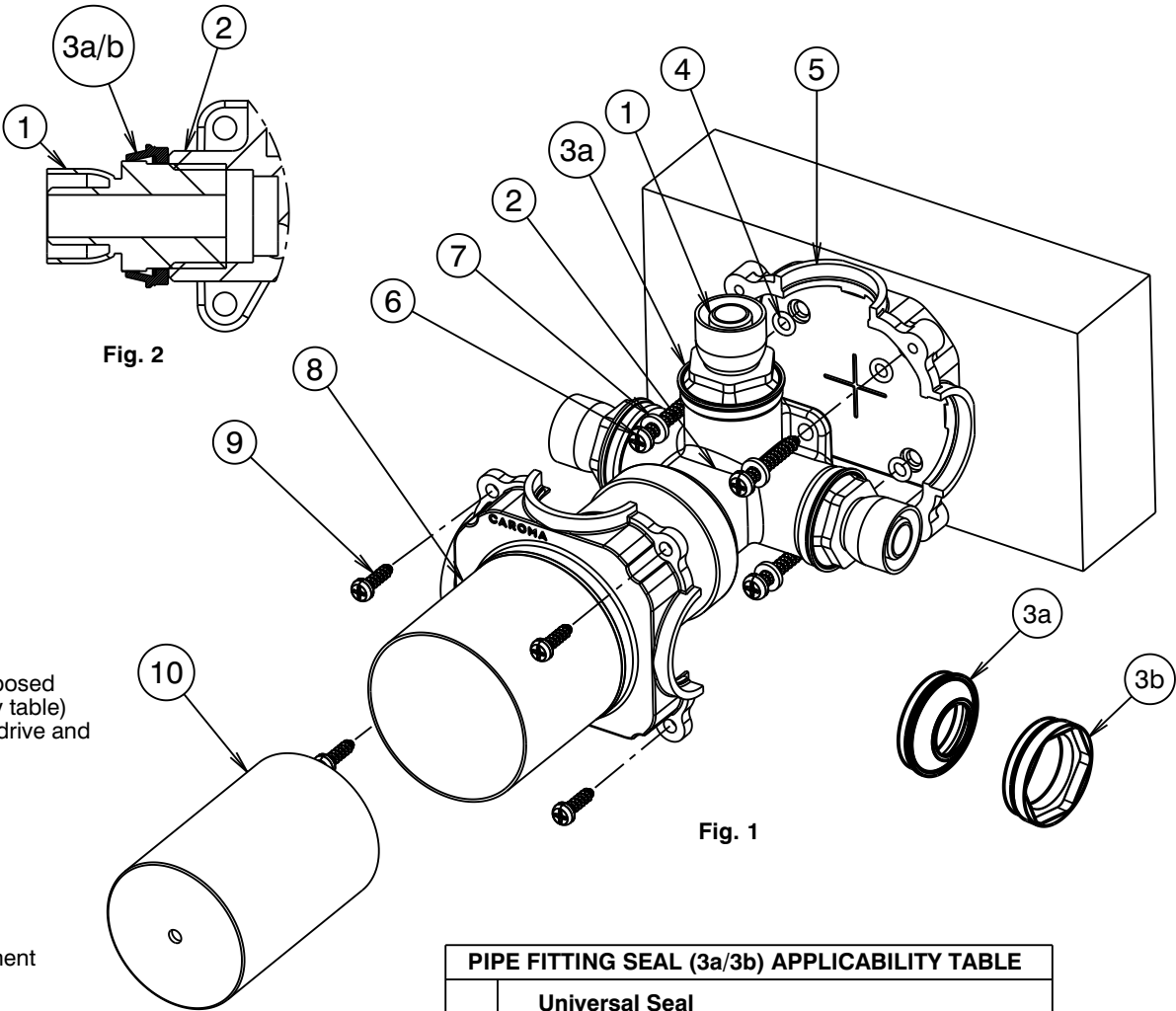
Important :

The front face of the mounting plate or noggin must be parallel to the finished wall/tile face.

To avoid damaging the decorative finish, ensure the soft sleeve is replaced with the clear rigid protective sleeve (10) when installing the trim kit and box.

- 1) Install PEX/pipe fittings (1) into mixer body (2). If using thread sealant cord ensure any exposed excess is cut off so it does not affect seal fitment. Fit seals (3a or 3b - refer to applicability table) over the hex or octagonal drive of the fitting and ensure they are seated correctly on the drive and pushed close to the surface of the mixer body (see fig 2).
When facing the mixer, the connections should be as follows:
Hot water inlet connection 'H' to the left.
Cold water inlet connection 'C' to the right.
Mixed water outlet connection, vertically upwards.
Check all connections for leaks & tap for correct operation.
- 2) Mark the centre position of the mixer handle on the noggin. Insert 4 x o-rings (4) into recesses in box back plate (5). Using box backplate as a template drill pilot holes in noggin aligning the cross hairs on the box with marking on noggin. The rotational alignment of the body must be accurate. (Refer to the trim kit instructions)
- 3) Connect water pipes using appropriate crimping tool before body is secured to noggin.
- 4) Attach box back plate and mixer body to noggin using M4x25mm screws (6) and rubber washers (7). Ensure screws are sufficiently tightened so rubber washers squash slightly. Check mixer body is rigidly fastened and cannot be moved side to side, tighten screws further if required.
- 5) Attach box (8) to back plate using M3.5x12mm screws (9). Hand tighten screws so there is no gap between box and back plate and all seals are compressed. Do not over tighten.

continued over....



PIPE FITTING SEAL (3a/3b) APPLICABILITY TABLE	
3a	Universal Seal • Suitable for most fittings with hex or octagonal shaped drive e.g. Auspex, Rehau Rautitan/Edge
	Large Hex Seal • Specific for fittings with 25mm hex drive e.g. Sharkbite, Evopex

PLUMBERS INSTALLATION INSTRUCTIONS

Installation continued...

- 6) After the wall is installed, seal the wall penetration between the lining board and the box (see fig 3.) and apply a waterproof membrane to the manufacturers specifications. **Important:** Sealant/waterproofing materials must remain clear of the rigid protective sleeve (10) and the surface it protects to allow for removal of the sleeve and installation of the trim components.
- 7) Cut box (8) back with a sharp box cutter so the tubular section is flush with the tiled surface. Seal any gap between the box tubular section and the tiles. Ensure the rigid clear protective sleeve (10) is in still in place so the mixer body is not damaged by the box cutter

IMPORTANT

- This product complies with the Lead Free requirements of the National Construction Code Volume Three.
- Hot and cold water inlet pressures should be equal.
- Static inlet pressure range : 150 -1000 kPa
New Regulation :-500 kPa maximum static pressure at any outlet within a building. (Ref. AS/NZS 3500.1)
- Maximum hot water temperature : 80°C.

Installation Requirements.

- The installing plumber is responsible for waterproofing all penetrations for Taps in Shower areas at installation by a proprietary flange system or a sealant. (Ref AS3740)

Important: Sealing and waterproofing materials must not contact this surface or block the gap between mixer body sleeve and box.

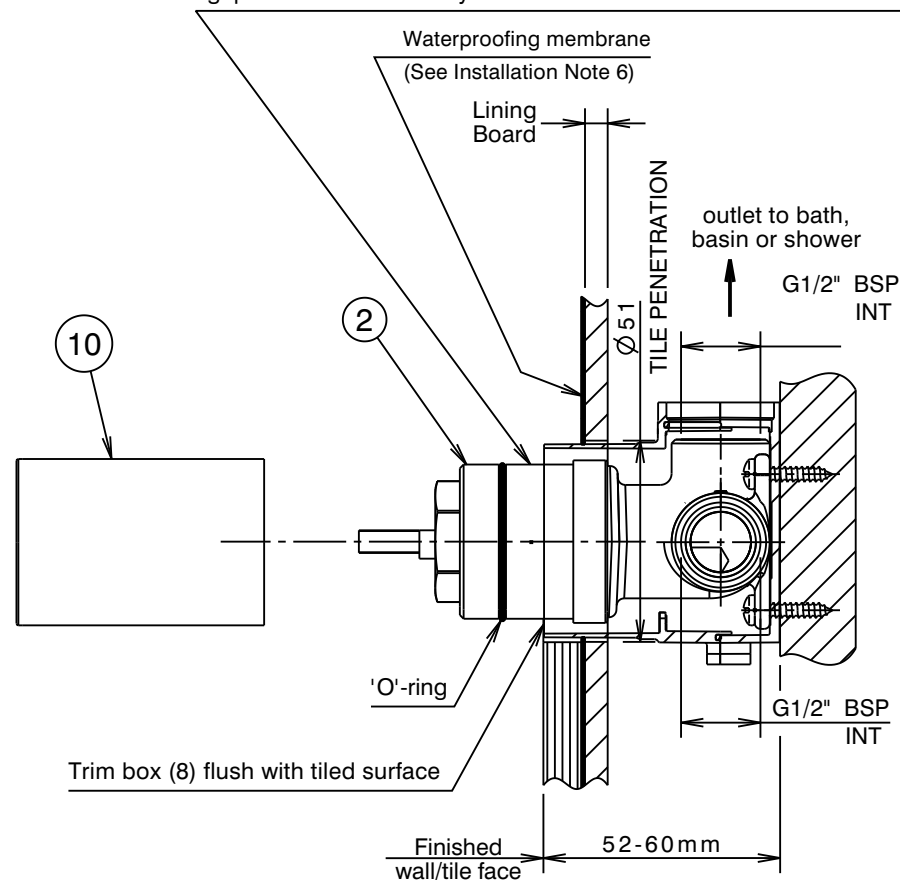


Fig. 3

