

Important Information

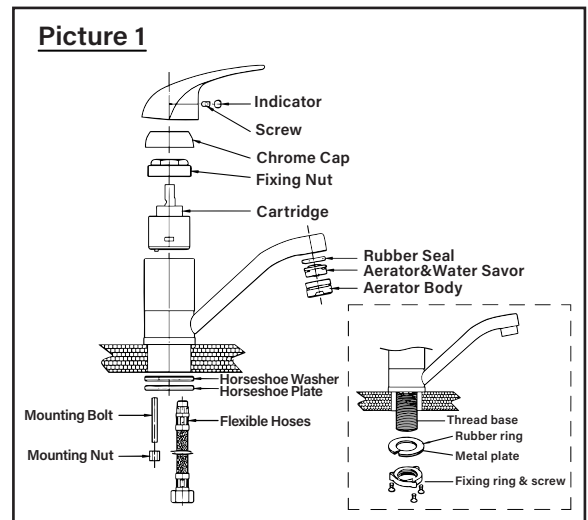
- This product must be installed by a licensed plumber. Installation by an unlicensed person or DIY installation may void the manufacturer's warranty.
- Not suitable for use with gravity-fed water systems. Gravity-fed systems refer to roof tank water supply without mains pressure pump.
- Prior to installation, flush all water supply lines thoroughly for at least **3 minutes** to remove debris and foreign matter that may affect the flow-regulated aerator or damage the cartridge.
- Flexible connecting hoses must be connected to isolating stop valves.
- Recommended operating pressure: 150–500 kPa. Pressure test requirement (AS/NZS 3500.1): Test at 1.5 times maximum working pressure, hold pressure for a minimum 60 minutes with no pressure drop or leakage.
- Hot and cold water inlet pressures should be equal. If hot/cold water pressure imbalance occurs, install pressure reducing or balancing valve to match inlet pressures.
- Maximum water temperature: 80°C. Domestic bathroom outlets require tempering valve to limit outlet temperature to maximum 50°C per AS/NZS 3500.4, to prevent scalding risk.
- Installation must comply with AS/NZS 3500.1:2025 and all applicable local plumbing regulations.
- Do not apply heat directly to the mixer body when brazing or soldering pipe connections. Use flexible isolating hose connections to avoid brazing near mixer body.
- Prior to waterproofing and tiling, the mixer must be pressure tested and checked for leaks and correct operation.
- Ensure sufficient thread or mixer body remains exposed beyond the finished wall or tile surface to allow correct trim installation. If the fitting is recessed too deeply into the wall, installation may not be possible. FERON is not responsible for installation issues resulting from incorrect rough-in depth.
- The FERON manufacturer's warranty covers replacement parts or replacement products only and does not cover labour, installation, removal, tiling, waterproofing, transportation, or any consequential costs.

Basin & Sink Mixer Installation

1. Place the O-ring washer over the mounting hole in the sink or basin.
2. Insert the mixer body through the mounting hole.
3. Position the horseshoe washer and horseshoe plate onto the mounting bolt and secure the mixer from underneath using the mounting nut.

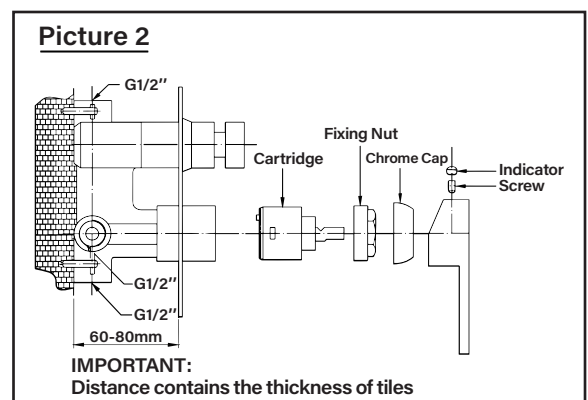
For mixers with a threaded base, follow the additional steps below:

- Place the rubber ring on top of the metal plate and install both onto the threaded base.
 - Hand-tighten the fixing ring onto the threaded base, then tighten the three fixing screws evenly using a screwdriver.
4. Connect the flexible hoses and hand-tighten the hoses securely. **Do not use a spanner or wrench, as this may damage the O-ring.** Ensure the hoses are connected to the correct water inlets: **red band = hot water, blue band = cold water.** Flexible hoses must be connected to individual isolating stop valves prior to final connection, complying with AS/NZS 3500.1 Clause 5.4.2.



Installation of Shower & Bath Diverter Mixer

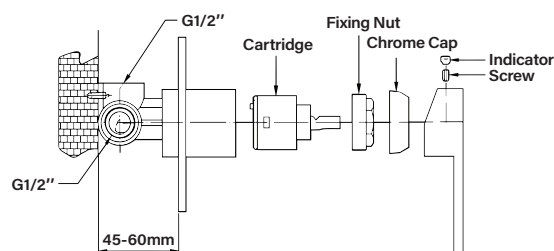
1. Install and secure the mixer body within the wall cavity. When facing the mixer, connect the **hot water inlet to the left** and the **cold water inlet to the right**.
2. Wall-mounted mixer bodies must be fixed to rigid timber/metal support frame within wall cavity to prevent movement after tiling.
3. Connect the inlet and outlet pipework to the mixer body in accordance with the plumbing layout.
4. Turn on the water supply and check all connections for leaks. Verify that the mixer and diverter functions operate correctly.
5. After tiling is completed, remove the plastic protective cover, fit the cover plate, and install the handle and diverter knob. Secure all components by tightening the grub screws.



Installation of Shower & Bath Mixer

1. Install and secure the shower/bath mixer body within the wall cavity. When facing the mixer, connect the **hot water inlet to the left** and the **cold water inlet to the right**.
2. Wall-mounted mixer bodies must be fixed to rigid timber/metal support frame within wall cavity to prevent movement after tiling.
3. Connect the water supply and outlet pipework to the mixer body.
4. Turn on the water supply and check all connections for leaks. Verify that the mixer operates correctly.
5. After tiling is completed, remove the protective cover, fit the cover plate, and install the handle. Secure the handle by tightening the grub screw.

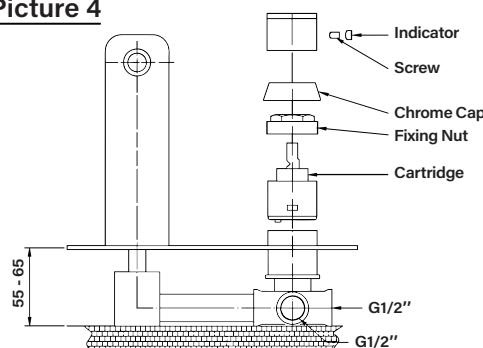
Picture 3



Installation of Wall Mixer with Spout

1. Install and secure the mixer body and breech assembly within the wall cavity. Ensure the mixer and outlet are level before proceeding.
2. Wall-mounted mixer bodies must be fixed to rigid timber/metal support frame within wall cavity to prevent movement after tiling.
3. Connect the water inlet pipework to the mixer body. Verify the "H" (Hot) and "C" (Cold) markings on the mixer body.
4. Turn on the water supply and check all connections for leaks. Verify that the mixer functions correctly.
5. After tiling is completed, remove the protective cover, fit the cover plate, and install the handle and spout. Secure all components by tightening the grub screws.

Picture 4



IMPORTANT:
Distance contains the thickness of tiles

Cartridge Replacement

1. Turn off the water supply.
2. Remove the indicator cap and loosen the grub screw inside the handle using a 2.5 mm Allen key. Remove the handle.
3. Unscrew and remove the decorative chrome cap by hand.
4. Remove the retaining nut using a suitable tool and carefully lift out the cartridge.
5. Clean the mixer body cavity and install the new cartridge, ensuring the locating pins are correctly aligned with the corresponding locating holes.
6. Reinstall the retaining nut and tighten to **10 N·m** torque. Tighten the retaining nut to 10 N·m using a calibrated torque wrench; over-tightening will crack mixer body.
7. Refit the chrome cap.
8. Reinstall the handle, tighten the grub screw, and replace the indicator cap.
9. Test full hot/cold range, diverter switch (if fitted), full flow rate under working pressure, inspect all joints for leaks and verify there is no leakage after 10 minutes.

Care & Maintenance

- Do not use abrasive cleaners, harsh chemicals, steel wool, or scouring pads, as these may damage the finish.
- For limescale removal only use diluted food-grade white vinegar, rinse thoroughly within 5 minutes, do not leave solution on surface overnight.
- Clean the tapware regularly using a soft cloth and warm soapy water.
- Rinse thoroughly with clean water and dry with a soft cloth after cleaning.
- Regular cleaning will help maintain the appearance and finish of the product.
- Avoid prolonged exposure to harsh chemicals, acids, solvents, and cleaning agents containing chlorine or bleach.
- Short accidental contact with mild household cleaners will not void warranty; permanent staining/scratching caused by prolonged exposure to corrosive chemicals is excluded from warranty.