

Kitchen Sink Installation, Care & Warranty Guide

For owners, interior designers, contractors, countertop fabricators and plumbers. Applies to all Zuhne kitchen sinks.

Read This First

- **Use your cutout template.** It shows the recommended installation methods and the exact cutting lines for your model. If this guide and the template differ, the template applies.
- **Use neutral-cure silicone.** Acid-cure ("acetox") silicone can cause rust marks and stains.
- **Protect the sink during the renovation.** Keep it covered until the work is complete, and seal it before any acid wash.
- **Measure the sink, then dry-fit.** Sinks have a size tolerance. Measure the sink you have and check it against the template. Aim for the size shown plus 1 mm on each side, never smaller.

1. Choosing an Installation Method

Zuhne sinks can be installed in up to three ways. Your cutout template shows which methods are recommended for your sink, and gives the cutting lines for each.

Method	How It Looks	Benefits	Good to Know
Undermount	The sink sits under the countertop. The countertop edge meets the sink opening.	A clean, seamless look. Crumbs and water wipe straight into the sink.	Needs a countertop material that suits it, and a precise opening. You choose a reveal (Section 4).
Topmount	The sink rim rests on top of the countertop.	The simplest and most forgiving method. Suits almost any countertop material, and is easy to replace later.	The rim stands slightly above the countertop.
Flush Mount (Inset)	The rim sits in a recess, level with the countertop.	A built-in look, with a level surface that is easy to wipe across.	Needs a precisely routed recess. Not every countertop material suits it. Discuss with your ID or contractor before you buy.

Check With Your ID or Contractor

Confirm that your countertop material and cabinet suit the method you choose. Flush mount, in particular, depends on the material, so please discuss it before you order.

2. Before You Start

- **Verify your delivery.** Check that the model and size on the box and the sink match your order and your cutout template before anything is cut. If they do not, stop, and report it with your order number via WhatsApp +65 8025 3585 or the chat support on zuhne.sg.
- **Have the sink on site first.** Receive it before the countertop is templated or cut, and check the template against the sink.
- **Measure the sink you have** (length and width, including the rim) and compare it with the template before anything is cut.
- **Share the template.** Send the digital file (DXF/DWG) to your fabricator. If you print the PDF, print at 100% and check that the scale bar measures 100 mm.
- **Check the cabinet.** It should be level, wide and deep enough, with no rail or brace clashing with the bowl.
- **Check the plumbing and overhead clearance.** Confirm the waste pipe and supply points suit the drain position and hose lengths, and that the faucet clears wall cabinets, shelves and window sills.

3. Cutting the Countertop

- **Cut to the template** for your method. Workshop cutting by CNC or waterjet gives the cleanest result.
- **Sinks have a size tolerance**, so the template is a guide. Aim for the size shown plus 1 mm on each side, never smaller.
- **Match the corner radius** shown on the template, so the countertop edge follows the sink opening all the way round. Avoid square corners, which crack more easily.
- **Dry-fit the sink** before final cutting and before sealing. Check that it sits square and that the accessories slide freely. A small adjustment now is quick; once the countertop is cut, it is not.

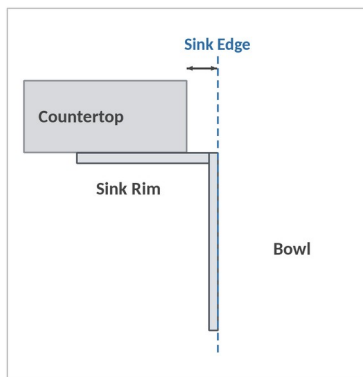
Silicone

Use Neutral-Cure Silicone

- Use DOWSIL 798 or 688, Selleys S601, or a similar neutral-cure brand that is clearly labelled "neutral cure" or "acid-free".
- Acid-cure silicone can cause rust marks around the rim and stain the countertop. It dries faster and costs less, so check the label before you buy.
- Wipe excess silicone at once with soapy water. Peel dried silicone with a plastic scraper, never a metal blade.

4. Undermount

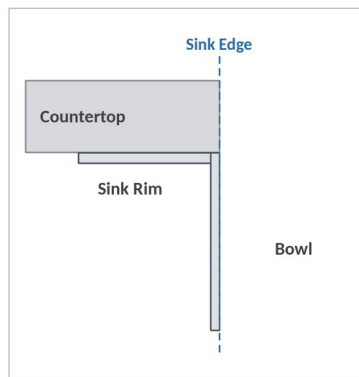
With an undermount sink, the reveal is how the countertop edge meets the sink edge. There are three options. Your cutout template shows the one your sink needs.



Positive Reveal

The rim shows as a small step.

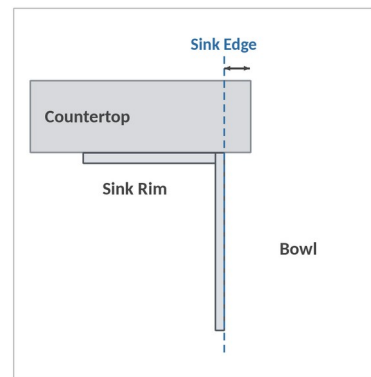
The countertop opening is a little larger than the sink opening. Easy to cut and fit, and the accessories move freely.



Zero Reveal

The countertop edge lines up with the sink edge.

A clean, seamless look. The countertop opening is cut to match the sink opening.



Negative Reveal

The countertop overhangs the sink edge.

Hides the rim completely. The countertop edge sits slightly inside the bowl.

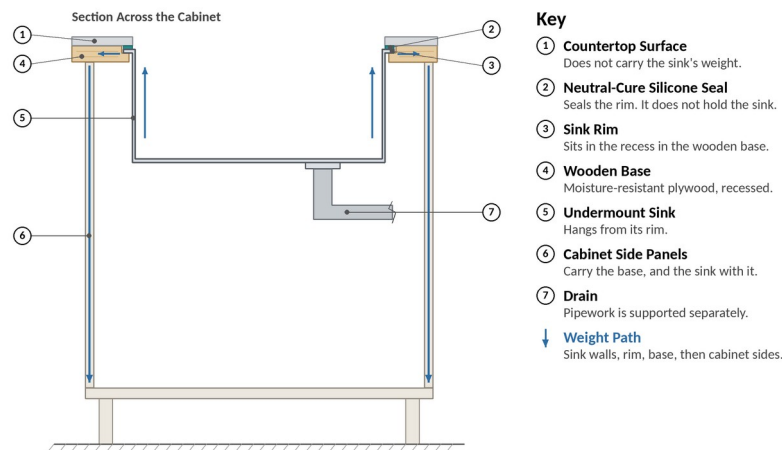
Your cutout template shows the reveal your sink needs.

Steps

1. **Choose the reveal** shown on your template and cut the countertop opening to match.
2. **Dry-fit** the sink under the opening. It should sit firmly and level, and the accessories should slide freely.
3. **Seat the sink** on its support (Section 5). Apply a continuous bead of neutral-cure silicone on top of the rim.
4. **Press the sink up** against the underside of the countertop, centred under the opening. Wipe excess silicone at once.
5. **Let it cure** for at least 24 hours, then connect the plumbing.
6. **Test.** Fill the sink, release the water and run the taps for 10 minutes. Check every joint with a dry tissue, and check again after 24 hours.

5. Supporting an Undermount Sink

An undermount sink needs a firm, level seat. **We strongly recommend solid plywood support.** Zuhne sinks are heavy-duty, with thick steel and thick sound-dampening pads, so a solid seat keeps the seal and finish in good order for years. Most Singapore installations seat the rim in a recess in the wooden base, which is the plywood board under the countertop surface, as shown below. Some sinks are fixed from below with clips or brackets instead, and solid plywood support is recommended for those too. Follow the method on your cutout template. A fully supported base is also one of the conditions of your warranty (see the Critical Installation Guidelines).



- **Use solid, moisture-resistant plywood** for the base (strongly recommended), and seal the cut edges.
- **Rest the base on the cabinet** along the front, rear and both sides of the opening. Screw it down.
- **Keep the recess even.** The rim should sit level with, or slightly below, the top of the base.
- **Clips are optional** when the rim sits in a recess. They are included for installations that fix the sink from below.

6. Topmount

1. **Cut the countertop** on the topmount line of your template.
2. **Check the rim is flat** (Section 8), then dry-fit.
3. **Apply a continuous bead** of neutral-cure silicone under the rim. Lower the sink straight down, press it into place and wipe excess silicone at once.

7. Flush Mount (Inset)

Discuss Before You Buy

Flush mount needs a precisely routed recess, and not every countertop material suits it. Please discuss with your ID or contractor first.

1. **Cut the opening and machine the recess** on the flush mount lines of your template. Try the recess on an offcut first.
2. **Check the rim is flat** (Section 8), then dry-fit. The rim should sit level with, or just below, the countertop.
3. **Apply neutral-cure silicone** in the recess, lower the sink straight down and wipe excess silicone at once. Let it cure, then test.

8. Rim Flatness and Small Gaps

Zuhne sinks are made with a rim flatness tolerance of 1 mm. Transport and storage can move the rim a little, and a flat rim sits evenly on the countertop or in the recess.

- **Before installing**, check each side of the rim with a straightedge. If a gap exceeds 1 mm, tap the rim flat with a rubber mallet or blunted hammer over a wooden block, with the sink out of the cabinet. The rim can take this without harming the finish. Never strike the bowl.
- **After installing**, a gap of 1 mm or less is normal. Clean and dry it, run neutral-cure silicone into it and wipe off the excess. For a larger gap, lift the sink, flatten the rim and refit it with fresh silicone.
- **Do not hammer or press** on the rim of an installed sink. It can crack the countertop, break the seal or mark the finish.

9. Plumbing and Fittings

- **Flush the water lines first.** Run the supply lines into a bucket before connecting the faucet.
- **Tap holes.** Use the hole sizes on your template or size drawing. Do not enlarge them. The sink is delivered with all 3 hole covers, loosely attached to the holes. Remove a cover only to fit a tap or accessory. If you are not using a hole, silicone its cover in place to seal it.
- **Drain.** Follow the drain kit diagram packed with your sink. Zuhne drain pipes can be attached to both wall and floor outlets, and the Oslo drain can also be attached directly to hard PVC piping. Hand-tighten plastic nuts only.
- **Cold-only supply.** A standard T or Y splitter feeds both faucet inlets from a single cold line.

10. Protect the Sink During Renovation

Risk	What to Do
Iron Dust ("Floating Rust")	Drilling, tile cutting and grinding release iron dust that settles on a wet sink and rusts overnight. Cover the whole bowl with cardboard or heavy plastic as soon as the sink is installed. No drilling or cutting over an uncovered sink.
Acid Wash	Hydrochloric acid used to clean floor tiles can pit and discolour metal fittings, including sinks. Seal the sink with heavy plastic and tape, and open the windows, before any acid wash.
Tools, Paint and Solvents	No tools, paint, grout sponges or brushes in the sink. Never stand or lean on it. Never use thinner, turpentine or acetone on it.
Heat	No heat guns, blowtorches or hot items on the sink.

At handover, rinse the sink with clean water, wipe it dry and remove the cover. Take a photo or scan of the signed checklist from the Critical Installation Guidelines, and keep a digital copy with the photos listed on it. Zuhne does not store a copy, and we may ask for it for any warranty claim.

11. Care and Maintenance

Your Zuhne sink is made from premium food-grade stainless steel and is built for daily use. The Lunar and Honeycomb textures help resist scratches but, like all stainless steel, are not scratch-proof. A few simple habits keep the surface looking its best.

Your Sink's Nano Coating

Many Zuhne sinks have a clear nano coating. It makes the surface smoother and easier to clean, hides fingerprints and water spots, and adds resilience against light everyday marks. Like car wax, it is a wear layer: with use it thins gradually, and after some years you may notice less gloss, or soft uneven patches where it has worn more. This is normal. **The stainless steel underneath is not affected.** It stays strong, rust-resistant and hygienic. Two habits help the coating last: use a trivet or the tray under hot cookware, because heat marks it quickly and the mark cannot be repaired, and clean with a soft sponge and dishwashing liquid, not scourers or abrasive creams.

Daily Care

- Rinse after each use, especially after acidic or salty food.
- Clean with dishwashing liquid and a soft sponge or microfibre cloth. Rinse well, so no cleaner is left sitting on the surface.
- Empty the drain strainers after each use. Do not leave wet sponges, cans or cast-iron cookware sitting in the sink.

What to Use

Everyday	Occasionally, With Care	Avoid
Dishwashing liquid and warm water Soft sponge, microfibre cloth or soft nylon brush The tray or a trivet under hot cookware Let boiling water cool for about 5 minutes, or run the cold tap while pouring	For water marks: white vinegar diluted 1:1 with water. Wipe on, leave no more than 10 minutes, rinse well and dry. For light stains: baking soda dissolved in warm water (not a paste). Wipe on, then rinse and dry.	Steel wool, scouring pads and melamine ("magic") sponges Abrasive powders, creams and pastes; metal polish Bleach, chlorine and ammonia Descalers; drain, oven, tile or toilet cleaners Strong acids; thinner, turpentine or acetone Hot pans straight from the stove or oven on the sink floor

Not sure about a product? Choose dishwashing liquid. It is the safest option for almost everything.

Marks and Stains

If a mark is still there after the first two steps, stop. It is probably cosmetic or permanent, and scrubbing harder will make it worse.

What You See	Likely Cause	What to Do
Greasy or cloudy film	Oil residue	Lay a cloth soaked in warm soapy water over it for 15 to 30 minutes, then wipe, rinse and dry.
White, chalky marks	Water minerals	Wipe with white vinegar diluted 1:1, leave up to 10 minutes, rinse well and dry.
Orange or brown spots	Iron dust from renovation work or cookware	Wipe gently with dishwashing liquid and a soft sponge. Repeat over a few days. The marks are cosmetic.
White or pale patch, or less gloss	Heat or abrasion wearing the coating	Surface-level and cannot be repaired. A trivet and soft sponges prevent more.

12. Fixing Installation Problems

Most installation problems are quick to fix. Here are the common ones.

What You See	Likely Cause	What to Do
The sink does not seat in the opening or recess	The cut is slightly small, or the rim is not flat	Trim a recess in the wooden base with a rasp or sandpaper. If the countertop is too small, ask the fabricator to correct it. Check the rim flatness.
Accessories catch on the countertop edge	The opening is slightly small, or the corner radius is too large	Ask the fabricator to correct the opening to the template. Do not force the accessories.
A gap or sag at the rim of an undermount sink	The base is bending, or is not resting on the cabinet all round	Support the base on the cabinet along all four sides, then refill the joint with neutral-cure silicone. Do not hammer or press the rim.
A small gap under a topmount rim	An uneven rim, or too little silicone	A gap of 1 mm or less is normal. Fill it with neutral-cure silicone. For a larger gap, flatten the rim (Section 8).
Rust-like marks around the rim or joint within about 48 hours	Acid-cure silicone	Remove all the silicone with a plastic scraper. Wipe the marks with mild soap, rinse, dry and reseal with neutral-cure silicone.
Water under the cabinet	A loose trap, drain or supply joint	Isolate the water. Re-seat and re-tighten the joint by hand, then run the water again and check with a dry tissue.
Water drains slowly	Food waste in the strainers, or debris in the trap	Lift out and clean the strainers, then flush with warm water and dishwashing liquid. If still slow, place a bucket underneath, unscrew the hand-tight nut at the trap, clear the debris, refit and test. Do not use caustic drain cleaners.

13. Limited Lifetime Warranty

Zuhne Pte. Ltd. ("Zuhne") warrants to the original purchaser, in the originally installed location, that the sink is free from material defects. This includes rust or corrosion caused by a defect in the stainless steel itself, and cracking. No agent, employee or representative of Zuhne can change these terms.

What We Will Do

If a covered defect is confirmed, Zuhne will, at its discretion, refund the amount paid for the sink or provide a replacement sink free of charge. The countertop, labour, removal, installation and other costs are not included.

What Is Not Covered

- **Installation that does not follow the Critical Installation Guidelines:** acid-cure silicone, cutouts not checked against the actual sink, a wooden base that is not fully supported, or striking the rim of an installed sink.
- **Renovation damage:** iron dust, acid wash fumes, and paint, grout, solvents or tools left in the sink.
- **Wear and care:** coating wear, heat damage, abrasive scrubbing, harsh chemicals, and items left rusting on the sink.
- **Colour finishes:** PVD colour finishes such as gunmetal or black are long lasting but not permanent.
- **Normal characteristics:** scratches and cosmetic marks, small amounts of residual water after draining, condensation, and scuffs on the underside or insulation pads.
- **Other:** abuse, neglect or misuse, unapproved devices, repairs by unauthorised persons, corrosive or outdoor environments, installation in breach of applicable laws and regulations in Singapore, and acts of God.

Explanations of these normal characteristics are at zuhne.sg/pages/warranty.

Making a Claim

When your sink is delivered, check that the model and size are what you ordered, and report any visible damage within 7 days. To make a claim, send photo or video evidence and your supporting documents (your order number and your digital copy of the signed checklist from the Critical Installation Guidelines) via WhatsApp +65 8025 3585, or through the chat support on zuhne.sg. Zuhne may ask for more photos or an inspection. This warranty does not affect any rights you have under Singapore law that cannot be excluded.

Document Control

Revision	Date	Summary of Changes
Rev 2.0	30 Sep 2026	Merged installation, care and warranty guide. Three installation methods and reveal options. Measure and dry-fit guidance. Recessed wooden base support. Nano coating explained. Warranty aligned with zuhne.sg .

Zuhne Pte. Ltd. Product specifications may change. The latest version of this guide is at zuhne.sg.