



## GUIDE FOR PLUMBERS & HOMEOWNERS



# IN RESIDENCE

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## INSTALLATION REQUIREMENTS

Congratulations on the purchase of this Perrin & Rowe product. It is an original Perrin & Rowe design and made in England by craftspeople who understand the essence of engineering and craftsmanship. With proper installation and care, this unique product will provide years of enjoyment. To maintain its beauty and to preserve the warranty, please ensure all parties comply with the following installation, care & maintenance and warranty guidelines:

### DOES IN RESIDENCE OFFER AN INSTALLATION SERVICE?

No, we do not install. Please note that you need to have a Licensed Plumber to install tapware in your home, both for your family's safety and to protect your warranty.

### DO I NEED A REGISTERED/LICENSED PLUMBER TO INSTALL MY PERRIN & ROWE TAPWARE?

Yes. Incorrect installation may damage your tap and could invalidate your warranty.

Your plumber should follow the installation instructions enclosed with the product, which contain essential information including: the maximum allowable water pressure, the need to fit in-line strainers on the hot and cold inlets for spray rinse kitchen mixer taps, and a reminder to flush all plumbing lines before installing taps.

Perrin & Rowe tapware must be installed by a Licensed Plumber in accordance with their installation instructions, relevant local plumbing regulations and best trade practice.

### FLUSHING WATER LINES

All incoming water lines must be flushed prior to the fitting of this tapware. Problems which result from inadequate flushing of the water supply lines before use and problems caused by debris in the water supply i.e. pieces of metal and plastic, dirt, sand, rust, silt etc. may not be covered by the warranty.

### LOW, HIGH OR UNEQUAL WATER PRESSURE

Many English homes still have ceiling tanks so Perrin & Rowe taps have been manufactured to allow use in both low and high pressure systems. **The ceramic disc valves have a maximum permitted water pressure of 500 kPa (72 psi) so limiting valves must be fitted where the inlet water pressure may at any time exceed 500 kPa (72 psi).**

**There is no minimum water pressure, except KITCHEN TAPS FITTED WITH A SPRAY RINSE AND N9106 / N5106 / N5506 / N5806 SINGLE LEVER PRESSURE BALANCED SHOWER MIXERS MUST HAVE A MINIMUM HOT AND COLD INLET WATER PRESSURE OF 100kPa (14psi) TO OPERATE CORRECTLY.**

For situations where there is unequal water pressure, usually evidenced by high water pressure at the cold tap and low water pressure at the hot tap, fit non-return valves to the hot and cold inlets. These are available from In Residence.

## PRESSURE TESTING

All in-wall installations must be pressure tested before the fitting of wall linings.

Please take care of this Perrin & Rowe product before, during and after installation. If further work is to be carried out within the vicinity, please cover it to protect it from paint, plaster etc. See NEW ZEALAND WARRANTY for more information.

### KITCHEN / LAUNDRY TAPS WITH SPRAY RINSE

**MODELS: N1209 / N1213 / N1560 / N1575 / N4012 / N4014 / N4172 / N4173 / N4272 / N4273 / N4312 / N4346 / N4360 / N4365 / N4375 / N4376 / N4746 / N4755 / N4756 / N4766 / N4846 / N4848 / N4866 / N4868 / N4890 / N4891 / N4892 / N4893**

When installing kitchen taps with spray rinse **In-line gauze filters must be fitted** in the incoming water supply lines. Two Con-Serv isolating taps with filters are supplied with every kitchen spray rinse tap.

**KITCHEN TAPS FITTED WITH A SPRAY RINSE MUST HAVE A MINIMUM HOT AND COLD INLET WATER PRESSURE OF 100kPa (14psi) TO OPERATE CORRECTLY.**

### SET-OUT FOR SPRAY RINSE FITTING

We recommend consulting with your client on the position of their spray rinse. As a general rule we suggest between 150-200mm distance from spray rinse to tap, this can be adjusted as per aesthetics and function. The spray rinse can be installed left or right side depending on client's wishes.

### CUTTING HOLES IN BENCHTOPS FOR TAPWARE

Please consult the installation instructions supplied with your products or, alternatively, the product's specification sheet which can be found on the individual product pages of this website. If you are unsure or have any further queries, please contact us.

#### BRIDGE-STYLE TAPS:

**MODELS: N4172 / N4173 / N4192STRAIGHT / N4193STRAIGHT / N4570 / N4571 / N4755 / N4756 / N4272 / N4273 / N4292 / N4293**

The Io and Provence, and Ionian with straight legs kitchen taps requires two 25mm diameter holes spaced at 200mm (centre to centre of the holes). For a spray rinse Io or Provence tap, an additional 30mm diameter hole will be needed for the spray.

#### MODELS: N4192 / N4193

The bench mounted Ionian kitchen tap with offset legs requires two 25mm diameter holes and can accommodate hole spacing from 140mm to 260mm (centre to centre of the holes). For optimal presentation we recommend spacing of 200mm with the legs directed backwards behind the tap body. For a spray rinse Ionian tap, the legs are straight and require 200mm hole spacing (centre to centre) and an additional 30mm hole will be needed for the spray.

#### MODELS: N4182 / N4183

The wall mounted Ionian kitchen taps require hot and cold supplies to 15mm female lugged elbow fittings which must be **EXACTLY 200mm centre to centre**. As these cannot be relocated after the wall linings are fitted, it is essential that the tap to be fitted is used to set up the position of the lugged elbows.

## WHAT HAPPENS IF MY BENCH-TOP IS THICKER

# GUIDE FOR PLUMBERS & HOMEOWNERS

## THAN NORMAL?

Single hole taps are supplied standard with a fitting to allow for a bench-top with a maximum thickness of 40mm. This can however be extended to accommodate a benchtop thickness of up to 120mm with our monobloc tap extension kit.

## EXTENSION KITS FOR BREECH UNITS

### BASIN VALVES

**MODELS: N3790 / N3260 / N3791 / N3261 / N3321 / N3050 / N3320 / N3051 / N3561 / N3560**

Installation position of a breech unit for these valves (distance from front face of breech unit to front face of finished wall) is 9 - 24mm. Optional extension kits are available: Kit #3233 will move the range to 28 - 43mm. Kit #3243 will move the range to 39 - 54mm.

**MODELS: N9061 / N3170 / N3171**

These models are supplied with a brass shank and spindle that can be cut down to size. Please request a copy of their installation guide.

### BATH/SHOWER WALL VALVES

**MODELS: N5512 / N5513** These mixers require hot and cold supplies to 15mm female lugged elbow fittings which **must be exactly 153mm centre to centre**. As these cannot be relocated after the wall linings are fitted, it is essential that the tap to be fitted is used to set up the position of these lugged elbows.

**MODELS: N3230 / N3231** Installation position of a breech unit for these valves (distance from front face of breech unit to front face of finished wall) is 7 - 22mm. Optional extension kits are available: Kit #3233 will move the range to 26 - 41mm. Kit #3243 will move the range to 37 - 52mm.

**MODELS: N3054 / N3064 / N3055 / N3065** Installation position of a breech unit for these valves (distance from front face of breech unit to front face of finished wall) is 7 - 32mm. Optional extension kits are available: Kit #3233 will move the range to 26 - 51mm. Kit #3243 will move the range to 37 - 62mm.

**MODELS: N9031 / N3130 / N3131**

These models are supplied with a brass shank and spindle that can be cut down to size. Please request a copy of their installation guide.

## INSTALLING OVERHEAD SHOWER ARMS

**MODELS: N9028 / N9283 / N5182 / N5184 / N5384 / N5712 / N5884**

When installing overhead shower arms, please correctly judge the amount of thread sealing material applied to the male thread projecting through the wall. If too much is applied and the shower arm requires force to rotate it, this may break the soldered joint at the base of the arm. If the arm cannot be easily rotated into the required position follow these steps to correct the problem:

1. Un-install the arm
2. Either remove excess or apply additional thread sealing material to the male thread on the wall fitting.
3. Re-install the arm.

**DO NOT OVERTIGHTEN.** If necessary, repeat steps 1 to 3 until the arm is installed correctly. Ensure that there are no leaks at this threaded joint, or at the soldered joints.

## CROOKED HANDLES ON INSTALLATION:

## FINE ADJUSTMENT OF HANDLE POSITION

The situation: Your plumber has installed the taps, but the levers aren't straight, or the hot & cold text on the crossheads is crooked in the off position.

Every tap handle on a Perrin & Rowe product has a unique white nylon alignment vernier positioned between the spindle of the ceramic disc valve and the spline of the handle. This vernier allows fine-tuning of the handle position during installation.

If after installation of the tap you feel that a tap handle isn't quite aligned correctly, this can easily be changed by following these simple steps:

1. Remove the handle (unscrew the barrel/hood and pull the handle assembly off)
2. Lift the vernier off the valve spindle or carefully remove it from inside the handle spline, using needle-nose pliers
3. Rotate the vernier slightly
4. Place the vernier back onto the valve spindle (in its new position)
5. Replace the handle and observe its new position

You will notice that the handle now aligns in a different position. Perfect alignment will be achieved through trial-and-error.

Full installation instructions for all Perrin & Rowe products are supplied inside each product box. You may also find our product specification sheets to be useful.

## DO I NEED TO RETAIN THE PACKAGING?

There should be no need for you to retain the product packaging. However, if your tap is supplied with a box spanner (a metal tube of approx 15cm long), we recommend that it is attached to the underside of the tap in the under-bench cupboard so it is available should your tap ever need to be tightened on the benchtop or removed. You must keep your receipt or other proof of purchase which you will need in the unlikely event of a warranty claim.

## NEW ZEALAND WARRANTY

This warranty is provided by In Residence Limited as the exclusive New Zealand importer and distributor of Perrin & Rowe products. Perrin & Rowe products imported and sold by In Residence Limited are made in England especially for In Residence Limited to comply with New Zealand Standards. This warranty is only available to Perrin & Rowe products purchased from In Residence Limited or indirectly from In Residence Limited via an authorised Perrin & Rowe dealer in New Zealand and installed in New Zealand.

### PROOF OF PURCHASE

The original dated purchase receipt from In Residence Limited or an authorised Perrin & Rowe dealer in New Zealand will be required as proof of purchase for any warranty claim. Where no documentary evidence exists to support this proof of purchase, In Residence Limited undertakes no responsibility to warrant, repair or supply parts for product of an unknown origin.

### TAPWARE WARRANTY

In Residence Limited warrants to replace or repair any Perrin & Rowe tapware purchased from In Residence Limited or indirectly from In Residence Limited via an authorised Perrin & Rowe dealer in New Zealand with a manufacturing fault in materials or workmanship in the body for a five (5) year period from the date of purchase.

### WARRANTY FOR CONSUMABLE COMPONENTS

Ceramic disc cartridges incorporated within Perrin & Rowe tapware are a consumable item and have a parts replacement warranty for five (5) years from the date of purchase. This consumable components warranty provides for the supply of replacement cartridges during this period. Flexible handshower and kitchen tap spray rinse hoses, O rings and washers, non-return valves, poppet valves and aerator inserts are also consumable components and covered by a five (5) year parts replacement warranty from the date of purchase. This warranty excludes damage caused by misuse, improper installation or vandalism.

### INSTALLATION REQUIREMENTS

This warranty for tapware and consumable components is void should the fault be found to be due to any of the following: Where the inlet water pressure exceeds 500kpa, pressure-limiting valves must be installed. This is also a requirement of the manufacturer's installation instructions. Warranty claims may not be honoured where excessive water pressure is evident. The failure to fit in-line gauze filters on the incoming water supply lines as required by the manufacturer's installation instructions. Damage as a result of inadequate flushing of the water supply lines before use and problems caused by debris in the water supply i.e. pieces of metal, plastic, dirt, sand, rust, silt etc.

Tapware must be installed by a Licensed Plumber in accordance with the relevant Standards and plumbing regulations, the installation instructions and best trade practice.

### ACCESSORIES WARRANTY

In Residence Limited warrants to replace or repair any Perrin & Rowe bathroom accessory purchased from In Residence Limited or indirectly from In Residence Limited via an authorised Perrin & Rowe dealer in New Zealand with a manufacturing fault in materials or workmanship for a five (5) year period from the date of purchase.

### SOAP DISPENSER WARRANTY

In Residence Limited warrants to replace or repair any Perrin & Rowe soap dispenser purchased from In Residence Limited or indirectly from In Residence Limited via an authorised Perrin & Rowe dealer in New Zealand with a manufacturing fault in materials or workmanship for a two (2) year period from the date of purchase.

### FINISHES WARRANTY

Perrin & Rowe products are manufactured in brass by craftsmen in its factory in England. Some minor imperfections in the materials and finish are not defects, but a feature of a handmade product. The Chrome, Nickel and Pewter finishes are warranted against manufacturing defects for five (5) years from the date of purchase of product. Due to the greater level of care and maintenance required, Perrin & Rowe's Gold and English Bronze finishes are warranted against manufacturing defects for a period of two (2) years from the date of purchase. Bare brass is uncoated natural brass and has no finish applied to it.

Paints continue to cure for a few days. Vapours released during this process can sometimes cause metal finishes to discolour or tarnish. It is best to wait until no paint odour can be detected before installing plumbing trim pieces. This finishes warranty is voided by:

- Damage to finishes which arises from installation or post-installation use.
- Failure to observe manufacturer's care and cleaning instructions.
- Damage to finishes by adhesives, sealants, paint or any solvents used to remove them.
- Damage to finishes by use of unsuitable cleaning agents or improper materials contrary to the manufacturer's Care and Maintenance instructions. These include cleaning agents containing acidic, corrosive, abrasive, citrus or alcohol based substances or through scouring of a surface by abrasive cloths, sponge pads or similar.

### BATHROOMWARE WARRANTY

In Residence Limited warrants to replace or repair any Perrin & Rowe bathroom ware (toilets and basins) purchased from In Residence Limited or indirectly from In Residence Limited via an authorised Perrin & Rowe dealer in New Zealand with a manufacturing fault in materials or workmanship for a five (5) year period from the date of purchase. Geberit Pty Limited provides a three (3) year warranty for their inlet and flush valves fitted into Perrin & Rowe toilets.

### REPLACEMENT PARTS

When In Residence Limited considers that a replacement part does not reasonably require a service call to rectify an issue under this warranty, the right is reserved to supply parts only in satisfaction of the product warranty. Freight costs to send any replacement parts to the customer will be borne by In Residence Limited. The return of the allegedly faulty part for warranty assessment may be requested at In Residence Limited discretion. Where replacement parts are supplied under warranty, the original warranty period is not extended or modified in any way.

### WARRANTY CLAIMS

To initiate a warranty claim, please contact In Residence Limited or the authorised New Zealand Perrin & Rowe dealer from whom the product was purchased. Proof of purchase will be required. Warranty service cover is provided during normal working hours by In Residence Limited or a nominated service agent in cities or towns and otherwise within the normal operating areas of authorised Perrin & Rowe dealers. Service arrangements



# GUIDE FOR PLUMBERS & HOMEOWNERS

elsewhere are provided at the discretion of In Residence Limited. The customer is responsible for accurate provision of all relevant details of the faulty product including model, finish and the nature of the alleged fault. In Residence Limited may request that the customer provide photographs of the alleged fault or undertake basic steps to ascertain the cause. Where necessary or reasonable, In Residence Limited reserves the right to require an allegedly faulty product or part to be returned for inspection or repair with associated costs of return borne by the customer. Where a service call is made and the alleged fault is not covered under the product warranty (e.g. where there is an installation issue which voids the warranty), the customer will be liable to pay the service fee. A fee will be charged where a service call is made based on misidentification of another brand product as Perrin & Rowe. Failure to attend a mutually agreed service appointment will incur a fee.

## WARRANTY CONDITIONS AND EXCLUSIONS

This warranty is subject to the product having been installed in accordance with the relevant installation instructions, Standards and local requirements by a licensed plumber, including where applicable limiting inlet water pressure to a maximum of 500kpa at point of installation, installing in-line gauze filters, compliance with water temperature limitations and adequately flushing the water supply lines prior to installation of the product.

This warranty does not apply to damage, defects or other malfunctions caused by normal wear and tear, improper installation or maintenance, accident, neglect, vandalism, misuse, alteration, modification, unusual physical or environmental conditions, use in an application for which the product was not intended or designed, or the use of harsh, abrasive or chemical cleaners.

Other than in accordance with this warranty and consumer law, In Residence Limited shall not be held liable for any damage (direct, indirect or consequential), injury, loss, harm, inconvenience or other detriment, whether physical, financial or otherwise arising directly or indirectly from the purchase, carriage, installation or use of the goods in any way.

In Residence Limited reserves the right to alter or amend this warranty at any time.

## TECHNICAL SUPPORT

If you have a service issue or require spare part components, please send an email with ALL the following information to [techsupport@inres.co.nz](mailto:techsupport@inres.co.nz)

- Your name, address, installation address, telephone numbers
- A description of the product and the problem or component you require
- A photograph of the tap installed on site
- A copy of your purchase invoice.

Please **DO NOT** call our showrooms for technical support as **OUR SHOWROOM SALES PEOPLE ARE NOT ABLE TO ASSIST YOU** with technical advice and/or any maintenance parts you require.

## HOTLINE SUPPORT FOR PLUMBERS

**TEL: 021 905 905**

Don't guess!

For any question day or night call  
Stephan Marshall - 021 905 905.

If he does not answer when you call, please  
send a text message and he will call back.

Alternatively, email to  
[techsupport@inres.co.nz](mailto:techsupport@inres.co.nz)

## CARING FOR EACH FINISH

### CHROME

A shiny finish with a hint of blue for a classical or contemporary feel.

#### CHROME MATERIALITY

Chrome is the hardest and most durable electroplated finish in situations with daily cleaning. It may be cleaned with water or mild soap and water and dried off afterwards. It is still prudent to avoid commercial cleaning products which may contain corrosive chemicals.

#### CHROME FINISH WARRANTY

Perrin & Rowe products are manufactured in brass by craftsmen in its factory in England. Some minor imperfections in the materials and finish are not defects, but a feature of a handmade product.

Chrome finish is warranted against manufacturing defects for five (5) years from the date of purchase of product.

Paints continue to cure for a few days. Vapours released during this process can sometimes cause metal finishes to discolour or tarnish. It is best to wait until no paint odour can be detected before installing plumbing trim pieces.

#### The Chrome finish warranty is voided by:

- Damage to finishes which arises from installation or post-installation use.
- Failure to observe manufacturer's care and cleaning instructions.
- Damage to finishes by adhesives, sealants, paint or any solvents used to remove them.
- Damage to finishes by use of unsuitable cleaning agents or improper materials. These include cleaning agents containing acidic, corrosive, abrasive, citrus or alcohol-based substances or through scouring of a surface by abrasive cloths, sponge pads or similar.

### NICKEL

A shiny finish with a golden glow. If left, Nickel will develop an aged patina (similar to silverware) and an occasional polish will restore its original gleam.

#### NICKEL MATERIALITY

Nickel finish is known as a "living finish" which over time will develop a natural patina, giving it a distinctive classical look. Nickel requires regular care and it is important to dry off this finish after use.

Some water contains minerals that will leave deposits as water spots if allowed to dry on this finish. If this occurs, clean the fitting with soap and water and a soft cloth as above and occasionally give it a very light polish with Autosol (available from automotive suppliers) to restore the original sheen.

#### NICKEL FINISH WARRANTY

Perrin & Rowe brassware products are manufactured in brass by craftsmen in its factory in England. Some minor imperfections in the materials and finish are not defects, but a feature of a handmade product.

Nickel finish is warranted against manufacturing defects for five (5) years from the date of purchase of product.

#### The Nickel finish warranty is voided by:

- Damage to finishes which arises from installation or post-installation use.
- Failure to observe manufacturer's care and cleaning instructions.

- Damage to finishes by adhesives, sealants, paint or any solvents used to remove them.
- Damage to finishes by use of unsuitable cleaning agents or improper materials. These include cleaning agents containing acidic, corrosive, abrasive, citrus or alcohol-based substances or through scouring of a surface by abrasive cloths, sponge pads or similar.

Paints continue to cure for a few days. Vapours released during this process can sometimes cause metal finishes to discolour or tarnish. It is best to wait until no paint odour can be detected before installing brassware.

### PEWTER

Pewter is a brushed, satin Nickel finish to perfectly complement stainless steel sinks and appliances.

#### PEWTER CARE & MAINTENANCE

Pewter (brushed Nickel) finish is known as a "living finish" which over time will develop a natural patina, giving it a distinctive classical look. Pewter requires regular care and it is important to dry off this finish after use. Some water contains minerals that will leave deposits as water spots if allowed to dry on this finish. If this occurs, clean the fitting with soap and water and a soft cloth as above and occasionally give it a very light polish with Autosol (available from automotive suppliers) to restore the original sheen.

#### PEWTER FINISH WARRANTY

Perrin & Rowe products are manufactured in brass by craftsmen in its factory in England. Some minor imperfections in the materials and finish are not defects, but a feature of a handmade product.

Pewter finish is warranted against manufacturing defects for five (5) years from the date of purchase of product.

Paints continue to cure for a few days. Vapours released during this process can sometimes cause metal finishes to discolour or tarnish. It is best to wait until no paint odour can be detected before installing plumbing trim pieces.

#### The Pewter finish warranty is voided by:

- Damage to finishes which arises from installation or post-installation use.
- Failure to observe manufacturer's care and cleaning instructions.
- Damage to finishes by adhesives, sealants, paint or any solvents used to remove them.
- Damage to finishes by use of unsuitable cleaning agents or improper materials. These include cleaning agents containing acidic, corrosive, abrasive, citrus or alcohol-based substances or through scouring of a surface by abrasive cloths, sponge pads or similar.

### GOLD

This finish, made with real gold, will give a luxurious look.

#### GOLD CARE & MAINTENANCE

Gold plated products contain real Gold in the coating and being the softest finish, should be treated as you would treat any piece of fine jewellery. They should only be cleaned with warm water and a mild pH-neutral liquid soap and dried with a chamois leather cloth. Gold plating can be scratched and discoloured by chemicals contained in some soaps and lotions and the finish on a frequently used fitting may over time wear on the handle where it is frequently touched.

#### GOLD FINISH WARRANTY

Perrin & Rowe products are manufactured in brass by craftsmen in its factory in England. Some minor imperfections in the materials and finish are not defects, but a feature of a handmade product.

# GUIDE FOR PLUMBERS & HOMEOWNERS

Due to the greater level of care and maintenance required, Perrin & Rowe's Gold finish is warranted against manufacturing defects for a period of two (2) years from the date of purchase.

Paints continue to cure for a few days. Vapours released during this process can sometimes cause metal finishes to discolour or tarnish. It is best to wait until no paint odour can be detected before installing plumbing trim pieces.

## **The Gold finish warranty is voided by:**

- Damage to finishes which arises from installation or post-installation use.
- Failure to observe manufacturer's care and cleaning instructions.
- Damage to finishes by adhesives, sealants, paint or solvents used to remove them.
- Damage to finishes by use of unsuitable cleaning agents or improper materials. These include cleaning agents containing acidic, corrosive, abrasive, citrus or alcohol-based substances or through scouring of a surface by abrasive cloths, sponge pads or similar.

## **POLISHED BRASS**

Uncoated bare brass has become increasingly popular as the finish of choice for kitchen and bathroom fittings. With a nod to the Japanese philosophy of wabi sabi, designers and homeowners are celebrating the honesty and changing nature of bare brass.

As a living finish, the initial highly polished appearance will mature over time to develop the unique character of aged brass. The bronze patina of high-quality brass complements natural elements such as timber, granite, marble, limestone and copper.

We recommend the uncoated brass finish for all fresco kitchen taps and outdoor showers, particularly in coastal areas where the brass will rapidly patina without loss of functionality, becoming a striking feature.

Perrin & Rowe brass products are manufactured by skilled craftsmen in their factories in England. Some minor imperfections in the surface of the material are not defects, but a feature of a handmade product.

The polished brass from Perrin & Rowe is uncoated brass without any lacquer or other clear coating as these coatings would deteriorate over time.

## **POLISHED BRASS INSTALLATION**

Ensure the plumber uses clean hands or gloves when installing your brass fittings and cleans off any plumbing product. Ask them to cover the brass if it is installed before the room is finished, to avoid splatters from paint or commercial cleaning products.

## **POLISHED BRASS CARE & MAINTENANCE**

With regular use, expect that spotting will develop on the surface of uncoated brass from everyday chemicals splashing on to the fitting, particularly with taps which receive high use. Food acids such as lemon juice in the kitchen and bathroom products such as toothpaste and shaving foam are common causes. These marks contribute towards the final patina of the fitting.

Brass fittings can be cleaned routinely with mild soap and water which will not alter the patina development. To slow the development of patina, wash and dry your tap after each use – or relax and celebrate the changes!

Over time, polished brass will develop a patina and the surface lose its brightness. If desired, the shine can occasionally be restored with a very mild abrasive cleaner like Brasso (some supermarkets) or Autosol Liquid Metal Polish (from an automotive product supplier or hardware store – check availability).

## **POLISHED BRASS FINISH WARRANTY**

There is no finish warranty for polished brass as there is no finish.

## **SATIN BRASS**

Satin brass is identical to polished brass except the surface has been brushed to remove the shine.

Perrin & Rowe brass products are manufactured by skilled craftsmen in their factories in England. Some minor imperfections in the surface of the material are not defects, but a feature of a handmade product.

Satin Brass has a brushed surface which reduces the shine. This is uncoated brass without any lacquer or other clear coating as these coatings tend to deteriorate over time.

## **SATIN BRASS INSTALLATION**

Ensure the plumber uses clean hands or gloves when installing your brass fittings and cleans off any plumbing product. Ask them to cover the brass if it is installed before the room is finished, to avoid splatters from paint or commercial cleaning products.

## **SATIN BRASS CARE & MAINTENANCE**

With regular use, expect that spotting will develop on the surface of uncoated brass from water and everyday chemicals splashing on to the fitting, particularly with taps which receive high use. Food acids such as lemon juice in the kitchen and bathroom products such as toothpaste and shaving foam are common causes. These marks are to be expected and contribute towards the final patina of the fitting.

The brushed finish of satin brass renders it more susceptible to marks from handling and staining from food acids, toothpaste etc as the surface has small 'scratches' which pick up the stain.

Establish a simple routine of rinsing the tap with warm water and drying it, particularly if it is splattered with cooking acids or chemicals such as toothpaste. Or relax and celebrate the changes! Any discolouration will become part of the final colour of the aged brass.

If uneven staining bothers you, Satin Brass can be refurbished when dry by gentle wiping with an abrasive cloth manufactured for this purpose. We recommend Norton Metal Finishing Pad 111 x 280mm Maroon, available at Bunnings. Ensure you always brush in the direction of the original brushing. If the surface is polished with a metal polish and becomes shiny, re-brushing will return the brushed effect.

## **SATIN BRASS FINISH WARRANTY**

There is no finish warranty for satin brass as there is no finish.

## **PLEASE RETAIN THIS GUIDE FOR THE HOMEOWNER FOR FUTURE REFERENCE.**

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Image credit: Biasol Interior Design

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