

# FINISH GUIDE

robertson®  
BATHWARE  
— SINCE 1987 —

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## TAPWARE

### **Uno / Uno Ecth / Pettine / Telaio / Savon / Cura**

- Chrome = Chrome Plating
- Black = Electroplated with PVD
- Brushed Nickel = PVD
- Gun Metal = Electroplated
- Brushed Brass = Electroplated with PVD

### **Orza / Ion / Neo / Robe / Fuse**

- Chrome = Chrome Plating
- Black = Electroplated
- Brushed Nickel = Electroplated
- Gun Metal = Electroplated
- Brushed Brass = Electroplated with PVD

### **One Touch**

- Chrome = Chrome Plate
- Black = Sprayed on Acrylic Coating
- Brushed Nickel = Sprayed on Acrylic Coating
- Gun Metal = PVD
- Brushed Brass = PVD

### **Lente Progressive Tapware**

- Chrome = Electroplate
- Black = Electroplate
- Brushed Nickel = Electroplate
- Gun Metal = PVD
- Brushed Brass = PVD

### **Due 316 Stainless Steel Tapware**

- Brushed Nickel = Electroplate
- Gun Metal = PVD
- Brushed Brass = PVD





## CHROME

### ***Chrome Plate:***

A base of copper is first applied followed by a layer of nickel and then finally a hard gloss coating of chromium to achieve a shiny hard wearing finish.

### ***Galvanic Plating:***

Galvanic plating process. Covering with 0,3-0,4 microns chrome average. 240 Hours salt spray tested (equivalent to 6 years corrosion resistance).



## BRUSHED NICKEL

### ***Galvanic Plating:***

Galvanic plating process protected with transparent lacquer coating (thickness 40-50 microns). 120 Hours salt spray tested (equivalent to 2 years resistance).

### ***Electroplated with Physical Vapor Deposition (PVD):***

Electrical current is used to dissolve components then adhere to the surface. A thin metal-spray coating is applied using PVD process.

### ***Electroplated:***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface.



## BLACK

### ***Powder Coated:***

Epoxy powder coating. Cured at 200°. Coating thickness 50-60 microns. 240 Hours salt spray tested (equivalent to 6 years corrosion resistance).

### ***Electroplated:***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface.



## GUN METAL

### ***Electroplated with Physical Vapor Deposition (PVD):***

Electrical current is used to dissolve components then adhere to the surface. A thin metal-spray coating is applied using PVD process.



## BRUSHED BRASS

### ***Electroplated with Physical Vapor Deposition (PVD):***

Electrical current is used to dissolve components then adhere to the surface. A thin metal-spray coating is applied using PVD process.

## SHOWERS

### **Rayne Handpiece**

- Chrome = Chrome Plating
- Black = Powder Coat
- Brushed Nickel = PVD
- Gun Metal = PVD
- Brushed Brass = PVD

### **Splash Lux / Splash Pro / Splash Plus / Uno Showers**

- Chrome = Copper protection, Nickel and finally chromium plating
- Black = Electroplate
- Brushed Nickel = Nickel plating, followed by brushed finish and spray lacquer
- Gun Metal = Nickel plating, followed by brushed finish and PVD
- Brushed Brass = Nickel plating, followed by brushed finish and PVD

### **Vibrant Shower Head**

- Chrome = High quality grade SUS304 (which contains chromium plating) and highly polished
- Black = Electroplate
- Brushed Nickel = Nickel plating, followed by brushed finish and spray lacquer
- Gun Metal = Nickel plating, followed by brushed finish and PVD
- Brushed Brass = Nickel plating, followed by brushed finish and PVD

### **Shower Hoses**

- Chrome = Neoprene
- Black = Neoprene
- Brushed Nickel = Neoprene
- Gun Metal = Steel
- Brushed Brass = Steel





## CHROME

### ***Chrome Plate***

On Brass / SUS products:  
Columns, Slide Showers  
Average 5 Microns Nickel  
Average 1.5 Microns Chromium

On ABS:  
Showers and Overheads  
Average 10 microns Copper  
Average 5 Microns Nickel  
Average 1.5 Microns Chromium

### ***Neoprene Shower Hose***



## BRUSHED NICKEL

### ***Sprayed on Acrylic Coating***

Oven dried to produce  
hardened durability for the  
finished product.

### ***Neoprene Shower Hose***



## BLACK

### ***Sprayed on Acrylic Coating***

Oven dried to produce  
hardened durability for the  
finished product.

### ***Neoprene Shower Hose***



## GUN METAL

### ***Physical Vapor Deposition (PVD)***

A thin metal-spray coating  
in the form of very thin  
layers is applied using PVD  
process with additional  
spray finish to achieve a  
dark color tone for Gun  
Metal finish.

### ***Steel Shower Hose***



## BRUSHED BRASS

### ***Physical Vapor Deposition (PVD)***

A thin metal-spray coating in  
the form of very thin layers is  
applied using PVD process.

### ***Steel Shower Hose***

## ACCESSORIES

### **Pari / Magra Accessories**

- Chrome = Electroplate
- Brushed Nickel = Electroplate
- Gun Metal = PVD
- Black = Electroplate
- Brushed Brass = PVD

### **Calora Heated Towel Rails**

- Chrome = Chrome Plating
- Brushed Nickel = PVD
- Gun Metal = PVD
- Black = Electroplated
- Brushed Brass = PVD
- Brushed Chocolate = PVD

### **Nox**

- Polished Stainless Steel = Polished high shine finish.
- Satin Stainless Steel = Brushed satin finish.
- Black = Painted finish.

### **Quick/Flama**

- Black = Painted Finish
- White = Painted Finish

### **Eletech / Project / S5**

- Chrome = Galvanic Plating
- Black = powder coated
- Brushed Nickel = Galvanic Plating
- Gun Metal = Electroplated with PVD
- Brushed Brass = Electroplated with PVD



### **CHROME**

#### ***Galvanic Plating:***

Galvanic plating process. Covering with 0,3–0,4 microns chrome average. 240 Hours salt spray tested (equivalent to 6 years corrosion resistance).

#### ***Electroplate:***

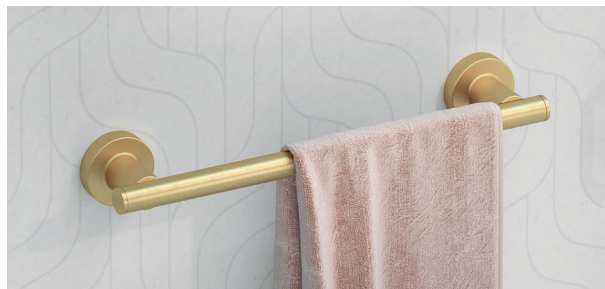
Electrical current is used to dissolve components into Lacquer that then adhere to the surface.



### **GUN METAL**

#### ***Electroplated with Physical Vapor Deposition (PVD):***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface. A thin metal-spray coating in the form of very thin layers is finally applied using PVD process.





## BRUSHED NICKEL

### ***Galvanic Plating:***

Galvanic plating process protected with transparent lacquer coating (thickness 40-50 microns). 120 Hours salt spray tested (equivalent to 2 years resistance).

### ***Electroplate:***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface.

### ***Electroplated with Physical Vapor Deposition (PVD):***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface. A thin metal-spray coating in the form of very thin layers is finally applied using PVD process.



## BLACK

### ***Powder Coated***

Epoxy powder coating. Cured at 200°. Coating thickness 50- 60 microns. 240 Hours salt spray tested (equivalent to 6 years corrosion resistance).

### ***Electroplate***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface.

### ***Painted Finish***

Epoxy powder paint is applied with electrically charged powder particles which is then passed through a continuous oven allowing the powder to melt, level and polymerize.



## WHITE

### ***Painted Finish***

Epoxy powder paint is applied with electrically charged powder particles which is then passed through a continuous oven allowing the powder to melt, level and polymerize.



## POLISHED STAINLESS STEEL

Polished to achieve a high shine finish.



## SATIN STAINLESS STEEL

Brushed to achieve a satin finish.



## BRUSHED BRASS

### ***Electroplated with Physical Vapor Deposition (PVD):***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface. A thin metal-spray coating in the form of very thin layers is finally applied using PVD process.



## BRUSHED CHOCOLATE

### ***Electroplated with Physical Vapor Deposition (PVD):***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface. A thin metal-spray coating in the form of very thin layers is finally applied using PVD process.

## MANIA/POP TAPWARE



### CHROME

#### **Chrome Plate:**

Achieved by applying a base of copper followed by a layer of nickel and then finally a hard gloss coating of chromium to achieve a lustrous hard-wearing finish.



### BRUSHED NICKEL / WARM HONEY / CHOCOLATE RED MOON DROP / BLACK

#### **Physical Vapour Deposition (PVD):**

A very thin metal-spray film coating using various substrates depending on finish including zirconium (Zr), titanium (Ti), chromium (Cr), titanium-aluminium (TiAl), aluminium-titanium (High) and aluminium-chromium (AlCr). PVD offers very high surface hardness (HV >1800) and is resistant to salt spray, corrosion, industrial and domestic cleaning agents and UV rays. The production cycle also has a very low environmental impact.

## HERON TAPWARE



### BLACK

#### **Epoxy Powder Coating:**

Components are carefully prepared and then cured in an oven at 200°C inducing polymerization and creating an elegant adherent layer.



### BRUSHED NICKEL

#### **Galvanic Plating:**

Obtained by brushing the nickel layer for perfect stainless steel optical looks.

## FLAG TAPWARE



### 316 STAINLESS STEEL

Resistant to pitting and corrosion, as well as improves resistance when exposed to elevated temperatures. The “brushed” aesthetic finish is obtained by abrasion of the surface by means of rotating brushes which give the striped effect.





# ZUCCHETTI.

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**CHROME**  
Chrome Plate



**MATT BLACK (N1)**  
Powder Coated



**BLACK (N6)**  
Powder Coated



**BRUSHED METAL BLACK (C51)**  
Electroplated



**BRUSHED TOTAL BLACK (P81)**  
PVD



**BRUSHED TOTAL BLACK (XP81)**  
PVD on Stainless Steel



**MATT WHITE (W1)**  
Powder Coated



**BRUSHED COPPER (P91)**  
PVD



**BRUSHED COPPER (XP91)**  
PVD on Stainless Steel



**BRUSHED CHOCOLATE (P21)**  
PVD



**BRUSHED STAINLESS STEEL (X)**  
AISI 316L Stainless Steel



**BRUSHED NICKEL (C3)**  
Electroplated

## **Chrome Plate:**

Chrome plate is achieved by first applying a base of copper followed by a layer of nickel and then finally a hard gloss coating of chromium is applied.

## **Powder Coated:**

Epoxy powder coating. Cured at 200°. Coating thickness 50- 60 microns. 240 hours salt spray tested (equivalent to 6 years corrosion resistance).

## **Electroplated:**

Electrical current is used to dissolve components into Lacquer that then adhere to the surface.



**BRUSHED GOLD (C41)**  
Electroplated



**BRUSHED GOLD (XP41)**  
PVD on Stainless Steel



**BRUSHED BRITISH GOLD (P31)**  
PVD



**BRUSHED BRITISH GOLD (XP31)**  
PVD on Stainless Steel



**GLOSSY GESSO (J3)**  
Epoxy Powder Coat



**PEARL CIPRIA (K7)**  
Epoxy Powder Coat



**PEARL CHILI (R6)**  
Epoxy Powder Coat



**PEARL SALVIA (V7)**  
Epoxy Powder Coat



**MATT MIRTO (V8)**  
Epoxy Powder Coat

## **Physical vapour deposition (PVD):**

A very thin metal-spray film coating using various substrates depending on finish including zirconium (Zr), titanium (Ti), chromium (Cr), titanium-aluminium (TiAl), aluminium-titanium (High) and aluminium-chromium (AlCr).

PVD offers very high surface hardness (HV >1800) and is resistant to salt spray, corrosion, industrial and domestic cleaning agents and UV rays. The production cycle also has a very low environmental impact.

## **LIVING FINISH**

C3, C8, C40, C41, C50, C51 are uncoated 'Living Finishes'. We intend for them to age and change over time. They will take on a patina or oxidation effect (or both) and will change in different ways within different environments, even in the same house or building. It depends on where you live, how they are used and the mineral properties of your water. This means each piece matures into its own unique and organic look, adding to the natural beauty of your Living Finish product.

# SAMUEL HEATH

*since 1820*

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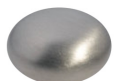
## SAMUEL HEATH PRIDES ITSELF ON OFFERING A WIDE RANGE OF LUSTROUS FINISHES ON ALL ITS PRODUCTS

Using the finest European brass, a perfectly smooth and flawless surface is created so that once electroplated, the finish bares the distinguishing features of depth, lustre and durability that Samuel Heath products are renowned for. An initial coating of copper is not always necessary when plating pure brass but this is done to ensure longevity. Each stage of the process is controlled by skilled technicians to ensure that the optimum depth of metal is applied for a lustrous and lasting finish.



### CHROME PLATE (CP)

Chrome plate is achieved by first applying a base of copper followed by a layer of nickel and then finally a hard gloss coating of chromium is applied to achieve a lustrous hard wearing finish. Samuel Heath offer a 10 year finish guarantee on all chrome plated products.



### COUNTRY BRONZE (CNB)

Country bronze is made to order across the Style Moderne and Fairfield collections for metal lever and cross top options. A soft rustic colour, our applied process is not a living finish, so provides a constant colour without wearing. Due to the reaction of the bronze solution with the base metal, there will always be a degree of natural variation in the shade between different components.

### STAINLESS STEEL (SSF)

Stainless steel is a brushed satin nickel plated finish for a contemporary look.



### POLISHED NICKEL (PN)

Polished nickel is a warm finish which is left un-lacquered to develop its own natural patina over time which is part of its charm.



### ANTIQUE GOLD (AG)

Antique gold finish has base layers of copper and nickel with a final layer of real gold resulting in a subtle light gold colour. Samuel Heath offer a 2 year guarantee from the date of purchase on their Antique Gold plated finish.

**Other Finishes:** Polished brass (lacquered or unlacquered), polished nickel, satin nickel, satin chrome, stainless steel finish, stainless steel finish with matt black chrome, urban brass, bronze finish, antique brass finish, BB and SD develop their own patina over time which is part of their charm therefore we do not offer a guarantee for these finishes. Note also that their use in marine or coastal environments can damage the finish due to salt in the air. PVD is a highly resistant finish which is guaranteed for 25 years. City bronze and Country bronze are guaranteed for 5 years.



### URBAN BRASS (URB)

Urban brass is exclusive to Landmark. Urban brass is left un-lacquered so that it can develop its own natural patina over time which is part of its charm, therefore we do not offer a guarantee for this finish. Some components such as shower heads, hoses etc do not go through the barrelling process.



### STAINLESS STEEL WITH MATT BLACK CHROME (SSB)

Stainless steel with matt black chrome has been developed especially for the Landmark collection. This option combines two of our most contemporary finishes, satin nickel with just an accent of matt black chrome to finish it off. This finish will age over time.



### NON LACQUERED BRASS (NL)

Non lacquered brass is hand polished and if cleaned regularly will maintain a pure brass finish. Alternatively it can be left to develop its own natural patina with its own individual character. Due to the variations in raw material composition, there will always be a degree of natural variation in the shade between different components.



### CITY BRONZE (CTB)

City bronze is made to order across the Style Moderne and Fairfield collections for metal lever and cross top options. A deep metallic colour, our applied process is not a living finish, so provides a constant colour without wearing. Due to the reaction of the bronze solution with the base metal, there will always be a degree of natural variation in the shade between different components.



### POLISHED BRASS (PB)

Polished brass has a electrophoretic ultra lacquer which provides a highly durable finish.



### MATT BLACK (MBC)

Matt black chrome finish is a coloured chrome plated finish which offers a smooth durable result. Base layers of copper and satin nickel give it a highly contemporary matt look which is guaranteed for 10 years.

### ***Samuel Heath Product Care***

To help maintain the high quality finish, please clean with a soft damp cloth. Do not use abrasive polish or cleaners. Stains may be removed using undiluted washing up liquid. Nickel finishes (PN, SSF, SN) will provide a wonderfully rich lustre and over time develop an individual patina of their own, that is often referred to as a 'living finish'. However all finishes do require regular care. It is important to clean finishes after use to prevent tarnishing. Water should be dried off and prevented from building up and forming hard water spots (which if left are difficult to remove). Such care and attention will also help prevent lime scale build-up. Soap and water is all that is needed to clean our products - the secret is to clean your brassware regularly. Please note that any finish other than chrome plate will be affected in marine or coastal environments. Non lacquered brass (NL) is hand polished and if cleaned regularly with a brass cleaner will maintain a pure brass finish.

# PARISI

## PARISI PUSH PLATES



BRUSHED NICKEL  
BRUSHED BRASS  
GUN METAL

### ***Electroplated with Physical Vapor Deposition (PVD):***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface. A thin metal-spray coating in the form of very thin layers is finally applied using PVD process.



CHROME  
BLACK

### ***Electroplate:***

Electrical current is used to dissolve components into Lacquer that then adhere to the surface.



WHITE

### ***ABS***

ABS (Acrylonitrile Butadiene Styrene) is a common thermoplastic polymer known for its strength, durability, and ease of molding.

**robertson®**  
BATHWARE  
— SINCE 1987 —

25 Vestey Drive  
Mt Wellington, Auckland 1060

PO Box 14695, Panmure  
Auckland 1741, New Zealand

Ph: +64 9 573 0490  
Ph: 0800 433 257  
Email: sales@robertson.co.nz

**ROBERTSON.CO.NZ**

## MAINTENANCE GUIDE FOR COLOURED TAPWARE, SHOWERS AND ACCESSORIES

All coloured tapware, showers and accessories should be cleaned only with soapy water and dried with a soft cloth. Do not use abrasive cleaners or chemicals as this would damage the surface of the finish and therefore cancel any warranty on the product.

