



F.H. BRUNDLE

SERVING THE TRADE SINCE 1889

PAINTS & COATINGS FOR IRONWORK

JAN 2018



THE SECRET TO ACHIEVING GREAT LOOKING IRONWORK



VINYL COATING



ROURKE'S VINYLAST™



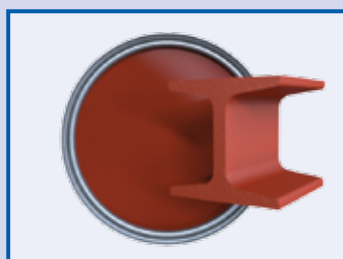
ENAMEL TOP COAT



HAMMERED FINISH



PATINA FINISH



PRIMERS



ANTI-CLIMB COATING



TOUCH UP PAINT



24/7 ONLINE
ORDERING



COMPETITIVE
PRICES



HUGE RANGE
FROM STOCK



FREE DELIVERY
OVER £150*



TRADE COUNTER
COLLECTION



BRANCHES ACROSS
THE UK



Welcome to Brundle Coatings.

We have extended our range of high quality paints and coatings for ironwork. Our range now includes everything from great value commercial red oxides, other primers and anti-climb coatings to decorative patina finishes for wrought ironwork.

We hope this booklet provides the reader with useful advice, information and tips.

INDEX

Introduction.....	3
Preparation.....	4
Cold Galvanise Protection.....	5
Primers.....	6
Top Coats.....	7
Patinas & Staygold Paint.....	14
Anti-Climb Coating.....	16
Touch Up Paint.....	17
Accessories.....	18
Coverage Information.....	19
Thinners & Solvents.....	21
Troubleshooting.....	22
Health & Safety Advice.....	26
Quick Check Charts.....	27
Useful Information.....	31





Vynylast Semi Gloss Smithy Black, page 9. With Rourke's Copper Patina, page 14.

PROTECTING IRONWORK

Protecting ironwork from rust is paramount. Whichever paint is used, it is advisable to check the coating has been applied to the correct thickness. For this we suggest using a wet film thickness gauge code: **29PTG01**, an electronic dry film thickness gauge can also be used. Both will ensure that the correct amount of paint has been applied.

As with all paint products, drying times may vary according to temperature, humidity and film thickness. Some coatings may take considerable time to be fully cured.

Please Note: electronic dry film thickness gauges may include the thickness of any galvanising. Check before painting and again when the paint has dried, the difference between the readings will be the dry film thickness.

TO GALVANISE OR NOT TO GALVANISE?

Galvanising offers the best possible rust protection and will keep future maintenance to a minimum. We recommend that ironwork is hot dipped galvanised to the appropriate British Standard. It should then be allowed to dry thoroughly before painting. Depending on temperature and humidity, this can take up to 48 hours or more. Galvanising is not usually required for internal work.

Please Note: Applying paint on top of a galvanised surface will protect the zinc coating and considerably increase the lifespan. Some paints, such as Vinyl may not require pre-treatment.

For further information about galvanising please visit www.galvanizing.org.uk



Vynylast Semi Gloss Smithy Black, page 9.
With Rourke's Copper Patina, page 14.



Vynylast Semi Gloss Graphite Grey, page 9.
With Rourke's Silver Patina, page 14



Vynylast Semi Gloss Smithy Black, page 9. With Rourke's Copper Patina, page 14.

PREPARATION



It is important that all work is cleaned and prepared correctly before painting and highlighting.

For non-galvanised steel, please ensure that the work is clean and dry, free from oil, rust or mill-scale, etc. Our Panelwipe is ideal for cleaning surfaces, or for the best results and to help adhesion, mild steel surfaces could be blast-cleaned or wire brushed thoroughly before painting.

- Ensure all surfaces are clean, dry and free from oil or grease
- If the surface is glossy, abrasion or blast-cleaning may be required
- Always mix the paint thoroughly before use
- Use appropriate thinners sparingly, adding too much may mean additional drying time or more coats are required
- Non-galvanised work usually requires priming
- Galvanised steel may require a Mordant 'T' wash code: **29MTW05** to help adhesion
- Always use appropriate personal protective equipment (PPE)
- Always follow manufacturer's instructions

Helpful guides can also be found in the paint section of our website www.fhbrundle.co.uk

If the work is contaminated with oil or grease we recommend Panelwipe, this will clean the surface and assist adhesion and can be applied with a clean rag or brush.

Please Note: the affected area needs to be wiped clean and left to dry before painting.

PANELWIPE



Litres	Code
5.0	29PW05

LOW LINT TEXTILE CLOTHS

Pack of 150



Code
29RT150

NON WOVEN LINT FREE CLOTHS

Pack of 400



Code
29SW68

For newly-galvanised steel, please ensure that any sharp points have been removed, it is free from dust, oil or grease and thoroughly dry before painting. If the galvanising is very shiny, it may require abrading or a pre-treatment. For best results we recommend Mordant 'T' wash code: **29MTW05**.

MORDANT 'T' WASH



Litres	Code
5.0	29MTW05



Vinylast Semi Gloss Smithy Black, page 9.
With Rourke's Silver Patina, page 14



COLD GALVANISE PROTECTION

If extra protection is required we have a range of high quality cold galvanise coatings, available in both aerosols and brushing paints. Choose below your solution for repairing and protecting your metalwork.

To repair damaged zinc surfaces, use our ZG-90 cold galvanise sprays, available in green, black or silver finish. These are also excellent anti-corrosion coatings or a brushable silver option. ZG-90 is also available in a matt finish for touching up old galvanised steel. Galvafruid can be used both as a primer or top coat to help prevent corrosion and provide protection.

ZG-90 GLOSSY BLACK
RAL 9005



ml	Code
500	2902B

ZG-90 GLOSSY GREEN
RAL 6005



ml	Code
500	2902G

ZG-90 GLOSSY SILVER



ml	Code
500	2902A

Cold zinc galvanise spray for long term protection against rust and corrosion with a glossy finish.

MX-90 MATT SILVER



ml	Code
500	2902M

ZG-90 GLOSSY SILVER
RAL 9006



ml	Code
500	2902ABR

Best for rollers and brush.

GALVAFROID GREY



ml	Code
400	2903

Thinner code: **29002**. Best for rollers and brush.



Vynlast Semi Gloss Smithy Black, page 9.
With Rourke's Copper Patina, page 14.



Vynlast Semi Gloss Smithy Black, page 9.
With Rourke's Copper Patina, page 14.



Using primers helps protect ironwork and form a base for top coats. Our primers are excellent value, hard-wearing, and suitable for many coverage applications. Our anti-rust oxide primers can be used on clean or slightly rusted metal. They are quick-drying and can be used under most top coat paints. Zincaphos QD ZP grey brushable primer is specifically designed for use with Brundle Brushable Enamels, see page 12.

HIGH BUILD RED OXIDE



Litres	Code
2.5	29BRO025
5.0	29BRO05
20.0	29BRO20

Thinner code: **29002**.

FAST DRY RED OXIDE



Litres	Code
5.0	2904P

Thinner code: **29002**.

ZINCAPHOS QD ZP GREY



Litres	Code
1.0	29ZQDP01
5.0	29ZQDP05
20.0	29ZQDP20

Thinner code: **29002**. Quick drying and ideal for spraying.

ZINC PHOSPHATE GREY



Litres	Code
2.5	29BZPGP025

Thinner code: **29WS05**. Best for rollers and brushing.

SATIN BLACK HBV RAL 9005



Litres	Code
5.0	29010

Thinner code: **29002**.



We have a wide range of excellent top coats for painting mild steel or galvanised work. Below are some of the benefits they provide:

VINYL & ROURKE'S VINYLAST™

Our range of vinyl paints is perfect for decorative and commercial ironwork including gates and railings. These include our Brundle Vinyl range and Rourke's Vinylast™, both long lasting and ideal for using on galvanised steel with minimum pre-treatment.

THINNERS FOR VINYL PAINTS

For the best results when using vinyl based paints we recommend using Industrial QD Thinners, code: **29002** for 5 litres or code: **2900225** for 25 litres. This is a high-quality xylene based solvent which will help the work dry faster than standard thinners.

Use thinners sparingly, too much thinner may lead to runs, extra coats being required, insufficient film thickness or may increase the drying time. Other products may require different thinners, it is important to use the correct one.

Please Note: do not use White Spirit with Hi-Build Vinyl paints.

BRUNDLE VINYL RANGE

Below is our range of standard Gloss and Semi Gloss high build vinyl coatings, all with built-in anti-corrosive properties.

FULL GLOSS BLACK
RAL 9005



Litres	Code
5.0	29000

Thinner code: **29002**.

SEMI GLOSS BLACK
RAL 9005



Litres	Code
2.5	29001B
5.0	29001

Thinner code: **29002**.

SEMI GLOSS GRAPHITE GREY



Litres	Code
2.5	29006B
5.0	29006

Thinner code: **29002**.

SEMI GLOSS GREEN
BS 4800 14C39



Litres	Code
5.0	25015

Thinner code: **29002**.



Vinylast Semi Gloss Graphite Grey, page 9.
With Rourke's Silver Patina, page 14.



Vinylast Semi Gloss Smithy Black, page 9.
With Rourke's Staygold Patina, page 14.

ROURKE'S VINYLAST™



We offer the finest quality Rourke's Vinylast™ paint which does not usually require pre-treatment or primer. Two coats* will give a long-lasting finish on freshly galvanised ironwork and although we recommend that it is best applied by spraying, small areas may be brushed. Vinylast™ Gloss is specially formulated to give a glossier finish. It can be applied in the same way, but should only ever be used on top of a Matt or Semi Gloss first coat.

*The finished dry film thickness must be a minimum of 80μ (microns) dry film thickness (d.f.t.) and we recommend 120μ in coastal regions. Depending on the application method, it may require a number of coats to achieve this thickness. If the work is bright and shiny, or if painting aluminium, then we recommend that you use our Mordant 'T' wash, code: 29MTW05, before painting.

- Ideal for structural steelwork and decorative ironwork
- For use on aluminium and for very bright shiny galvanised surfaces we recommend pre-treatment with Mordant 'T' wash code: **29MTW05**
- Rapid drying, non-drip and chip resistant
- Easy to touch up or repaint in the future
- Tough, flexible film, resistant to aqueous chemicals
- Excellent adhesion to freshly hot-dipped galvanised ironwork and non-galvanised steel
- Cross-cut and impact adhesion far superior to conventional alkyd paints
- Much less long-term maintenance required: only one coat needed when repainting
- Use with our Patinas to produce beautiful antique and highlighted finishes
- Wide range of colours and sheens available
- Further information and Safety Data Sheets can be found on our website www.fhbrundle.co.uk by using the product code

A range of information sheets is also available from our website.

Rourke's Vinylast™ is a superior product intended for professionals and is designed to enhance and protect decorative ironwork by producing a long-lasting, low maintenance finish that can be highlighted with Patina paints to provide a beautiful appearance.

Vinylast™ is intended for the decorative wrought iron market and provided the surface is well prepared and not too shiny, will adhere directly to galvanised steel usually without the need for mordant solution or etch primer. It is also a high quality and excellent value coating for non-galvanised work.

If you require a special colour, we can produce any RAL or BS colour to order, although a minimum of 5 litres will usually be required. Please allow a little more time to have non-standard colours made to order. As with all our paints, it is important to follow the instructions to get the best results.

Please Note: as Vinylast™ does not require an undercoat, it is essential to apply the correct thickness of paint in several coats.

VINYLAST™ COLOUR RANGE

We stock a range of colours and can sizes to meet most needs. Vinylast™ Gloss (only for use as a top coat) and Vinylast™ Matt sheens are also available. Graphite (a modern grey paint with a hint of sparkle) and Anthracite are high quality metallic finishes. Sparkle Silver will give any ironwork a modern appearance. When used with our Patina paints these colours provide outstanding finishes and can easily be painted over at a later date.

RAL colour charts can be found at www.ralcolor.com and BS colours at www.britishstandardcolour.com

Please Note: Vinylast™ Gloss should only be used as a final coat over the top of a Vinylast™ Matt or Semi Gloss base. A top coat of Vinylast™ Gloss will give a higher sheen finish.

GLOSS SMITHY BLACK
RAL 9005



Litres	Code
0.4	29RGS*
1.0	29RGB01
5.0	29RGB05
20.0	29RGB20

*Touch up spray paint.

SEMI GLOSS SMITHY BLACK
RAL 9005



Litres	Code
0.4	29RSBS*
1.0	29RSB01
2.5	29RSB025
5.0	29RSB05
20.0	29RSB20

*Touch up spray paint.

MATT SMITHY BLACK
RAL 9005



Litres	Code
0.4	29RMB*
1.0	29RMB01
2.5	29RMB025
5.0	29RMB05
20.0	29RMB20

*Touch up spray paint.

SEMI GLOSS WHITE
RAL 9010



Litres	Code
2.5	29RSW025
5.0	29RSW05

SEMI GLOSS ANTHRACITE



Litres	Code
2.5	29RSA025

Contains a slight sparkle.

SEMI GLOSS BLUE
BS 381C 166



Litres	Code
2.5	29RSBL025

SEMI GLOSS BROWN
BS 10 B 29



Litres	Code
2.5	29RSBR025

SEMI GLOSS STONE GREY
RAL 7030



Litres	Code
2.5	29RSG025

SEMI GLOSS GRAPHITE GREY



Litres	Code
2.5	29RSGG025
5.0	29RSGG05

Contains a slight sparkle.

SEMI GLOSS GREEN
RAL 6005



Litres	Code
2.5	29RSMG025

SEMI GLOSS RED
RAL 3000



Litres	Code
1.0	29RSR01

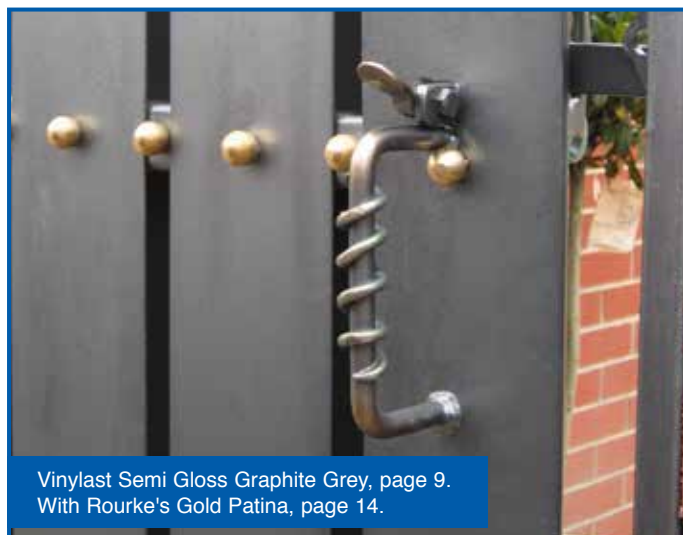
SEMI GLOSS SPARKLE SILVER



Litres	Code
2.5	29RSS025

ALUMINIUM

When painting aluminium and to aid adhesion we recommend the surface be abraded and Mordant 'T' wash code: **29MTW05** is used prior to painting with Vinylast™.



Vinylast Semi Gloss Graphite Grey, page 9.
With Rourke's Gold Patina, page 14.



Vinylast Semi Gloss Smithy Black, page 9.
With Rourke's Copper Patina, page 14.

ROURKE'S VINYLAST™

APPLICATION

After suitable preparation, we recommend spraying with Vinylast™ to the appropriate film thickness following the instructions. A minimum of 2 to 3 coats is usually required to achieve the desired film thickness. To achieve a long-lasting finish, the first coat should be applied with at least 40 microns dry film thickness.

USEFUL TIPS

- When using black over black, spraying areas, a slightly different colour for the first coat such as Vinylast™ Stone Grey RAL 7030 will help ensure that no areas have been missed.
- When spraying intricate ironwork, paint small and less accessible areas with a brush first to ensure awkward corners or joints are not missed.

BEST RESULTS WHEN USING VINYLAST™

- Clean the metal surface prior to painting. We recommend wiping the work down with our Panelwipe code: **29PW05** and a Low Lint Texteline Cloth code: **29RT150** or Non Woven Lint Free Cloth code: **29SW68**.
- Vinylast™ is self-priming and only requires the correct film thickness to be applied. Never apply over conventional primers or other paints without testing compatibility first.
- Always apply at the correct film thickness and use a Wet Film Thickness Gauge code: **29PTG01** to check. Insufficient film thickness can increase maintenance requirements.
- The first coat should be about 40 microns d.f.t. Too thin a coat may impair adhesion.
- Vinylast™ Gloss should only ever be used as a final coat on top of coat(s) of Vinylast™ Matt or Semi Gloss.
- For best results always use Industrial QD Thinner code: **29002** for 5 litres or **2900225** for 25 litres. Use thinners sparingly.
- Phosphate Grey code: **29BZPGP025** is not a suitable primer for Vinylast™.

Please Note: the xylene solvents used in Vinylast™ may react with certain items such as some types of electrical cables or plastics, including bubble wrap. We recommend testing samples if used next to rubber or plastic materials. If Vinylast™ is to be used on light fittings or may come into contact with cables, a barrier of clear varnish MUST always be used.

Please check our Advice Sheets for further information online at www.fhbrundle.co.uk

ALWAYS PREPARE THE SURFACE CORRECTLY

All surfaces must be dry, sound and free from dirt, dust, rust or grease.

For best results, non-galvanised mild steel surfaces should be blast cleaned or thoroughly wire brushed.

GALVANISED STEEL

- Dull or matt galvanised steel will give the best results
- All work must be clean and thoroughly dry before painting. For best results use Panelwipe code: **29PW05** and a Non Woven Lint Free Cloth code: **29SW68**.
- Remove any "white rust" or zinc corrosion deposits that may appear on weathered galvanised steel with plenty of water. Allow to dry thoroughly.
- Galvanised steel which has been contaminated with oil or grease should be thoroughly cleaned to remove all traces prior to coating. For best results use Panelwipe code: **29PW05** and a Non Woven Lint Free Cloth code: **29SW68**.
- Chromated galvanised steel should be alkali cleaned to remove the chromate passivation.
- Bright spangled galvanised steel will often require preparing with Mordant 'T' wash code: **29MTW05** or thoroughly abrading using P600 wet or dry abrasive paper (or similar) before painting.

ALUMINIUM:

To help adhesion treat with Mordant 'T' wash code: **29MTW05** or abrade lightly using P600 wet or dry abrasive paper (or similar) before painting.

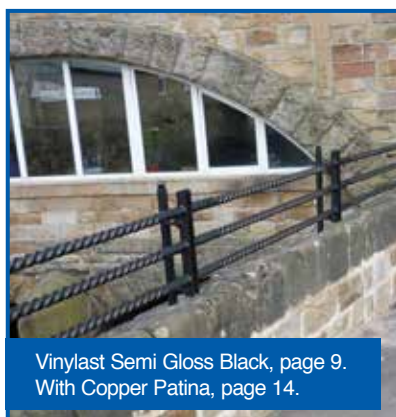
- APPLICATION:** For best results always apply correctly following instructions.
- FILM THICKNESS:** Ensure the minimum total film thickness is 80 microns dry and 200 microns wet. For coastal or severe environments, we recommend that you should increase the film thickness to 120 microns (μm) dry and 300 microns wet, to ensure white zinc salts do not migrate through the coating to the surface.
- AIRLESS SPRAY:** Up to 5% thinners may be added to suit equipment. Apply one or two heavy coats. Typical tip size 13-19 thou. Typical fluid pressure 200 kg/sq. metre or 2800 p.s.i.
- CONVENTIONAL SPRAY:** Thin up to 10% with Industrial QD Thinners, code: **29002** for 5 litres or code: **2900225** for 25 litres, less is better. Apply 2 to 3 coats to achieve the recommended 80 microns d.f.t. (dry film thickness)
- BRUSH/ROLLER:** Apply 3 to 4 coats evenly using a well-loaded brush. Allow to dry between coats. Do not attempt to brush out or lay off.
- THINNERS:** For best results when painting Vinylast™ use our Industrial QD Thinner code: **29002** for 5 litres or **2900225** for 25 litres.

FUTURE MAINTENANCE OF ROURKE'S VINYLAST™

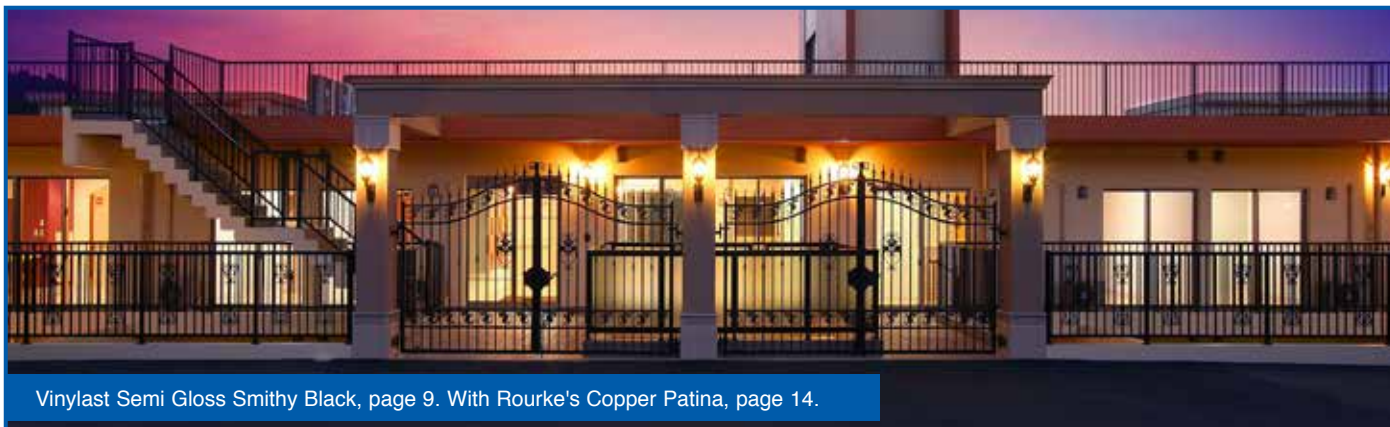
When applied to the correct film thickness Vinylast™ is long-lasting and very low maintenance. It will look good for many years and is very easy to repaint when required. It can also be easily highlighted using Patinas and a sponge, see page 14.

USEFUL TIPS:

- Any colour Vinylast™ (except Gloss finish) can be used as a first coat. This works best when a spray is used.
- If a different colour first coat is applied (e.g. Dark Grey under Black) it is easier to see what has been sprayed the first time, ensuring an even coat is applied and helping maintain film thickness.



ENAMEL FINISH



The finished surface is harder and suitable for internal and external use. Enamel finish paints will stand up to mechanical abrasion better than vinyl based paints and therefore perfect for some types of work such as handrails, seating or furniture. F.H.Brundle offers two distinct types of enamel finishes for brushing or spraying, Brushable Enamel and Rourke's Enamelrite.

Please Note: both these products use different solvents and require different application methods. We also offer a high quality, semi gloss enamel in black RAL 9005 code: **29001P**. It is important to always use the correct thinners for each product.

PRIME FAST DRY ENAMEL

A top quality general purpose black semi gloss enamel.

SEMI GLOSS BLACK
RAL 9005



Litres	Code
5.0	29001P

Thinner code: **29002**.

BRUNDLE BRUSHABLE ENAMEL

Brundle Brushable Enamel is excellent for painting smaller areas by brush and suitable for items such as light fittings where the solvents are less likely to have a reaction with cables, plastics or rubber. We offer a choice of satin or gloss sheens. If a satin finish with patina highlights is required, Brundle Brushable Enamel is the ideal choice. Available in Black RAL 9005 or White RAL 9010 2.5 litre cans. Use with our White Spirit code: **29WS05** as necessary.

Please Note: Brushable Enamel should not be used on the top of any xylene based products.

APPLICATION

- 1) Primer Zinc Phosphate Grey Primer code: **29BZPGP025**
- 2) Top coat(s) Brundle Brushable Enamel
- 3) Thinners White Spirit code: **29WS05**
- 4) Highlight with Rourke's Patinas or Rourke's Staygold

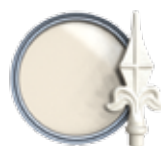
GLOSS BLACK
RAL 9005



SATIN BLACK
RAL 9005



GLOSS WHITE
RAL 9010



SATIN WHITE
RAL 9010



Litres	Code
2.5	29BEGB025

Thinner code: **29WS05**.

Litres	Code
2.5	29BESB025

Thinner code: **29WS05**.

Litres	Code
2.5	29BEGW025

Thinner code: **29WS05**.

Litres	Code
2.5	29BESW025

Thinner code: **29WS05**.

Enamelrite is a good quality spray-on enamel coating suitable for internal and external use. It is available in gloss and satin sheen, and in black RAL 9005 and white RAL 9010 5 litre cans.

APPLICATION

- 1) Primer Zincaphos QD ZP Grey Primer code: **29ZQDP01** for 1 litre, **29ZQDP05** for 5 litres or **29ZQDP20** for 20 litres
- 2) Top coat(s) Rourke's Enamelrite - Sprayable Enamel
- 3) Thinners Industrial QD Thinner code: **29002** or 5 litres, **2900225** for 25 litres
- 4) Highlight with Rourke's Patinas or Rourke's Staygold

GLOSS BLACK
RAL 9005



Litres	Code
5.0	29EGB05

Thinner code: **29002**.

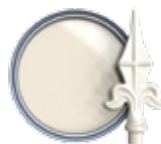
SATIN BLACK
RAL 9005



Litres	Code
5.0	29ESB05

Thinner code: **29002**.

GLOSS WHITE
RAL 9010



Litres	Code
5.0	29EGW05

Thinner code: **29002**.

SATIN WHITE
RAL 9010



Litres	Code
5.0	29ESW05

Thinner code: **29002**.

HAMMERED FINISH

Hammered Finish paints are suitable for hiding uneven surfaces and imperfections yet still producing an attractive finish. We stock Black in 1 litre and 5 litre cans, and Silver Grey in 5 litre cans.

USEFUL TIP

Always remove any loose material and wire brush rusty ironwork before painting.

BLACK



Litres	Code
1.0	29H1B
5.0	29H5B

Thinner code: **29002**.

SILVER GREY



Litres	Code
5.0	29H5SG

Thinner code: **29002**.



Vinylast Semi Gloss Graphite Grey, page 9.

METALLIC FINISH

Our metallic paints are high quality, quick-drying liquid metal paints that offer a rich sheen finish and provide a unique and traditional decorative coating. The product is suitable for both internal and external use on many substrates and gives a luxurious finish. Our standard gold paint and our high quality Staygold will keep its colour long after many other paints fade. These are specially designed to paint railheads and other details to give a solid gold-coloured appearance. Using Vinylast™ Sparkle Silver will give a very modern look to most ironwork.

POLYURETHANE GOLD



Litres	Code
1.0	29014

Thinner code: **29WS05**.

ROURKE'S STAYGOLD



Litres	Code
1.0	29007

Thinner code: **29WS05**.

VINYLAST™ SEMI GLOSS SPARKLE SILVER



Litres	Code
2.5	29RSS025

Thinner code: **29002**.



Vynylast Semi Gloss Graphite Grey, page 9. With Rourke's Patina range, page 14.

These products can be applied after Rourke's Vynylast™ or other top coats have been applied. When highlighting, we would recommend starting with a light layer of Patina and build up as necessary. Staygold is perfect for painting railheads and details and to give a solid gold appearance. It will last outdoors much longer than many other alternative gold paints.

ROURKE'S STAYGOLD

For parts which require a solid gold colour, we recommend using Rourke's Staygold, an exceptionally high quality paint Staygold stays bright longer than many other gold paints.

USEFUL TIPS

- We recommend applying Patina to a small test area first to ensure the appropriate finish is obtained.
- For best results apply at least 2 coats of Staygold

ROURKE'S STAYGOLD



Litres	Code
1.0	29007

Thinner code: **29WS05**.



Vynylast Semi Gloss Smithy Black, page 9.
With Rourke's Staygold Patina, page 14.

ROURKE'S PATINA

Used for highlighting, Rourke's Patinas are high quality products specifically developed to enhance the appearance of decorative wrought iron. Rourke's Patinas are tried and tested and will out-perform most alternatives. Best applied by sponge, they are formulated to keep their colour for many years. They are also used to provide a range of modern finishes, offering customers a wider choice of colours.

Choose the perfect colour from our Patina paint range to give your wrought iron that aged iron look.

ROURKE'S COPPER



ml	Code
375	29P001

Thinner code: **29WS05**.

ROURKE'S GOLD



ml	Code
375	29P002

Thinner code: **29WS05**.

ROURKE'S SILVER



ml	Code
375	29P003

Thinner code: **29WS05**.

ROURKE'S VERDIGRIS DARK GREEN



ml	Code
375	29P004

Thinner code: **29WS05**.

N.B. Gloss finishes may not highlight as satisfactorily with Patinas as will Matt or Semi-Matt sheens.

TRY MIXING COLOURS TOGETHER, OR APPLYING ONE ON TOP OF ANOTHER TO CREATE YOUR OWN SPECIAL EFFECTS!

APPLICATION

Rourke's Patinas should be carefully applied after painting. Use an almost dry brush loaded with very a small amount of Patina, drag this along the work to be highlighted. Alternatively, use the sponge method or an air brush.

APPLICATION BY SPONGE

- Use a dense sponge code: **29FOAM**
- Always stir the Patina well before applying and seal cans after use
- The Patina needs to be of a slightly thick consistency and initially it is better not to add thinners. However if the Patina has been used a few times and has thickened with the evaporation of the solvents, a small amount of White Spirit code: **29WS05** can be added.
- It is better to try only a very small amount and stir well, before adding more if necessary.
- Pour a small amount of Patina onto a piece of cardboard, minimum suggested size 300 x 300mm
- Dip the sponge into the Patina, wiping any excess from the sponge onto the cardboard. Too much may result in a streaky finish (try applying lightly to a small area until you are happy with the result).
- Wipe the sponge lightly onto the section of ironwork to be highlighted and repeat as necessary to achieve the desired effect.
- After use make sure that you replace the lid correctly to prevent evaporation of the solvent.



Vynylast Semi Gloss Smithy Black, page 9.
With Rourke's Gold Patina, page 14.



Vynylast Semi Gloss Smithy Black, page 9.
With Rourke's Staygold Patina, page 14.



Vynylast Semi Gloss Smithy Black, page 9. With Rourke's Patina range, page 14.

BRUNDLE ANTI-CLIMB COATING



Brundle Anti-Climb coatings are intended for users who wish to add security to a property. They provide a thick glutinous coating, which remains greasy after application but looks similar to gloss paint. Anti-Climb coating will remain slippery thus deterring intruders from climbing or gaining a foothold.

Please Note: Health and Safety recommendations should be read for these products and appropriate PPE should be worn.

GLOSS BLACK



Litres	Code
1.0	29AACB01

GLOSS GREY



Litres	Code
1.0	29ACCG01

COVERAGE

Is approximately 2.5m. sq. per litre when applied with a brush.

USAGE

Brundle Anti-climb coating is often used for painting walls, lamp-posts, drainpipes, roofs or fences and to act as a deterrent and may prevent an intruder from breaking in.

HEALTH & SAFETY

Please take all necessary H & S precautions and use only as instructed. It is important to wear appropriate protective clothing (PPE). Although not usually harmful, it WILL stain clothes and skin.

Health & Safety Data Sheets can be found on our website at www.fhbrundle.co.uk by searching using the product code and clicking on the SDS button, MSDS are also available from any of our branches.

Please Note: typically Anti-climb coating is used only above 2.4 metres high and warning signs should be used as required. The user is responsible for checking that the use complies with legislation and any regulations.

APPLICATION

Apply with a stiff brush, trowel or by hand using protective gloves. Do not apply too thick a coat. Take care not to let it get in contact with clothing or skin.

THINNERS

We do not recommend using thinners with this product.

CLEANING BRUSHES

We recommend our Brundle White Spirit code: **29WS05**

TYPICAL LIFETIME OF THE ANTI-CLIMB COATING

Anti-Climb coating has an effective lifetime of approximately 3 years, after which another coat may be required.

LEGAL ISSUES

The Occupier's Liability Act 1984 says that householders have a duty of care to anyone on their property, whether or not they are entitled to be there. The Highways act 1980 states that care must be taken to avoid "harm or injury" to any person or animal using the highway.

If you have any doubts about using Anti-Climb coating, we recommend consulting the appropriate authority. You may also wish to consult the local Crime Prevention Officer for advice. To discharge the Duty of Care owed to trespassers, the householder must put up a warning sign.

We have a range aerosol sprays for touching up scratches including HT-90 Matt Black High Temperature and RX-90 Red Oxide aerosols. Vinylast™ aerosols match the Vinylast™ paints and are ideal for touching up small areas on site.

Many colours can be made to order in batches of 6 cans.

HEAT RESISTANT SPRAY PAINT

Heat stable paint to 600°. Ideal for grates, fireplaces, chimneys, industrial ovens and exhausts.

HT-90 MATT BLACK



ml	Code
500	2909

TOUCH UP OXIDE PRIMER SPRAY PAINT

Ideal for touching up scratches, this spray matches the red oxide primer range.

RX-90 RED
RAL 3009



ml	Code
500	2904A

TOUCH UP ROURKE'S VINYLAST™ SPRAY PAINT

GLOSS SMITHY BLACK
RAL 9005



ml	Code
400	29RGBS

SEMI GLOSS SMITHY BLACK
RAL 9005



ml	Code
400	29RSBS

MATT SMITHY BLACK
RAL 9005



ml	Code
400	29RMBS

PAINTS TO MATCH POWDER COATING

Ideal for touching up scratches and any damage to powder coated products, with a choice of brushing or aerosol cans.

SPRAY GLOSS BLACK
RAL 9005



ml	Code
400	29PC400SB

SPRAY GLOSS GREEN
RAL 6005



ml	Code
400	29PC400SG

BRUSHABLE GLOSS BLACK
RAL 9005



Litres	Code
1.0	29PC1BB

BRUSHABLE GLOSS GREEN
RAL 6005



Litres	Code
1.0	29PC1BG





Useful accessories include: Wet Film Thickness Gauges used to check how much paint has been applied. Cloths for cleaning off work, spray equipment and many other uses around the workshop. Low Lint Textile Cloths come in a pack of approx. 150 pieces, whilst Non Woven Lint Free Cloths are available in a pack of 400.

LOW LINT TEXTELINE CLOTHS
Pack of 150



NON WOVEN LINT FREE CLOTHS
Pack of 400



Code
29RT150

Box 340 x 340 x 260mm.

Code
29SW68

Box 420 x 300 x 160mm.

WET FILM THICKNESS GAUGES

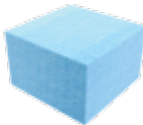


Code
29PTG01

Plastic.

SPONGE

For applying Patina paint



Code
29FOAM



Vinylast Semi Gloss Graphite Grey, page 9. With Rourke's Copper Patina, page 14.



COVERAGE INFORMATION

How much paint is needed to paint (x) metres of railings?

Many paint manufacturers will offer a 'theoretical coverage' as a guide; however practical coverage is usually only a percentage of this figure. The work being painted may vary considerably from one project to the next. There are many factors which affect coverage.

ROURKE'S VINYLAST™ THEORETICAL COVERAGE

For Vinylast™, the theoretical coverage is 4 sq. metres/litre at 235μ (microns) wet film thickness. The spreading rate of this product may vary considerably depending upon the method of application and the roughness and porosity of the surface. In practice, this figure may be reduced by up to 40%. Theoretical coverage is obtained by applying the paint onto a flat surface in ideal conditions. With a skilled operative the paint should cover one side of a 4 sq. metre surface to the given thickness.

PRACTICAL COVERAGE

In practice, painting ironwork is different. There are spaces between the bars and the ironwork needs painting on all sides and not just on one flat surface. Plain work will need less paint than very decorative work. Conditions, methods of application and equipment will all affect the theoretical coverage. The figures given below are what has been found, from experience, when painting typical ironwork. These figures are intended as a helpful GUIDE ONLY and we cannot accept responsibility for any variations you may find.

The following figures were obtained by a skilled sprayer, in a spray booth, and gave a dry film thickness of approximately 40 microns d.f.t. Please remember:

- More than one coat is often necessary to achieve the minimum recommended d.f.t. of 80 microns
- In coastal areas we would recommend 120 microns d.f.t.
- Some local authorities will ask for 120 microns d.f.t.
- To achieve 120 microns d.f.t. two or more coats may be required. This depends on equipment used, skill level of the operator and how much thinners have been used.
- We recommend using a contrasting colour (such as dark grey under black) for the first coat to make it easier to see what has already been painted and to ensure that the whole of the work is covered with the following coat.
- Check the film thickness of the paint with a Wet Film Thickness Gauge code: **29PTG01**.

The figures below are an approximate guide for painting BOTH sides of the ironwork with Vinylast™:

BRUSH:	250ml per square metre per 40 microns (μm) d.f.t. coat.
CONVENTIONAL SPRAY:	Using a 1.8mm nozzle on a gravity feed gun, 750ml of Vinylast™ was used per sq. metre at per 40 micron d.f.t.
ELECTROSTATIC SPRAY:	With electrostatic equipment, 430ml of Vinylast™ was used per sq. metre, per 40 micron d.f.t. coat.
ROLLER:	We have no figures available at present, but would expect a similar figure to brushing.
THINNERS:	For best results use Our Industrial QD Thinners, product code: 29005 .
AEROSOLS:	Although Aerosols are mainly used for touching up on site or painting small items, the theoretical coverage is 2.32 sq. metres at 10 microns d.f.t.

COVERAGE INFORMATION



CONVERT WET AND DRY FILM THICKNESS:

Should you need to convert wet and dry film thickness you can do this with the following formulae. You need to know the percentage of solids in the paint.

WFT = Wet film thickness = 'W'

DFT = Dry film thickness = 'D'

Percentage of solids in the paint = 'P' (By volume)

Percentage of Added Thinners = 'T' (By volume)

NO ADDED THINNERS

$$W = \frac{D}{P} \quad D = W \times P$$

$$P = \frac{D}{W}$$

WITH ADDED THINNERS

$$W = \frac{\frac{D}{P}}{(1 + T)} \quad D = W \times P \times (1 + T)$$

$$P = \frac{D}{W} \times \frac{1}{(1 + T)}$$

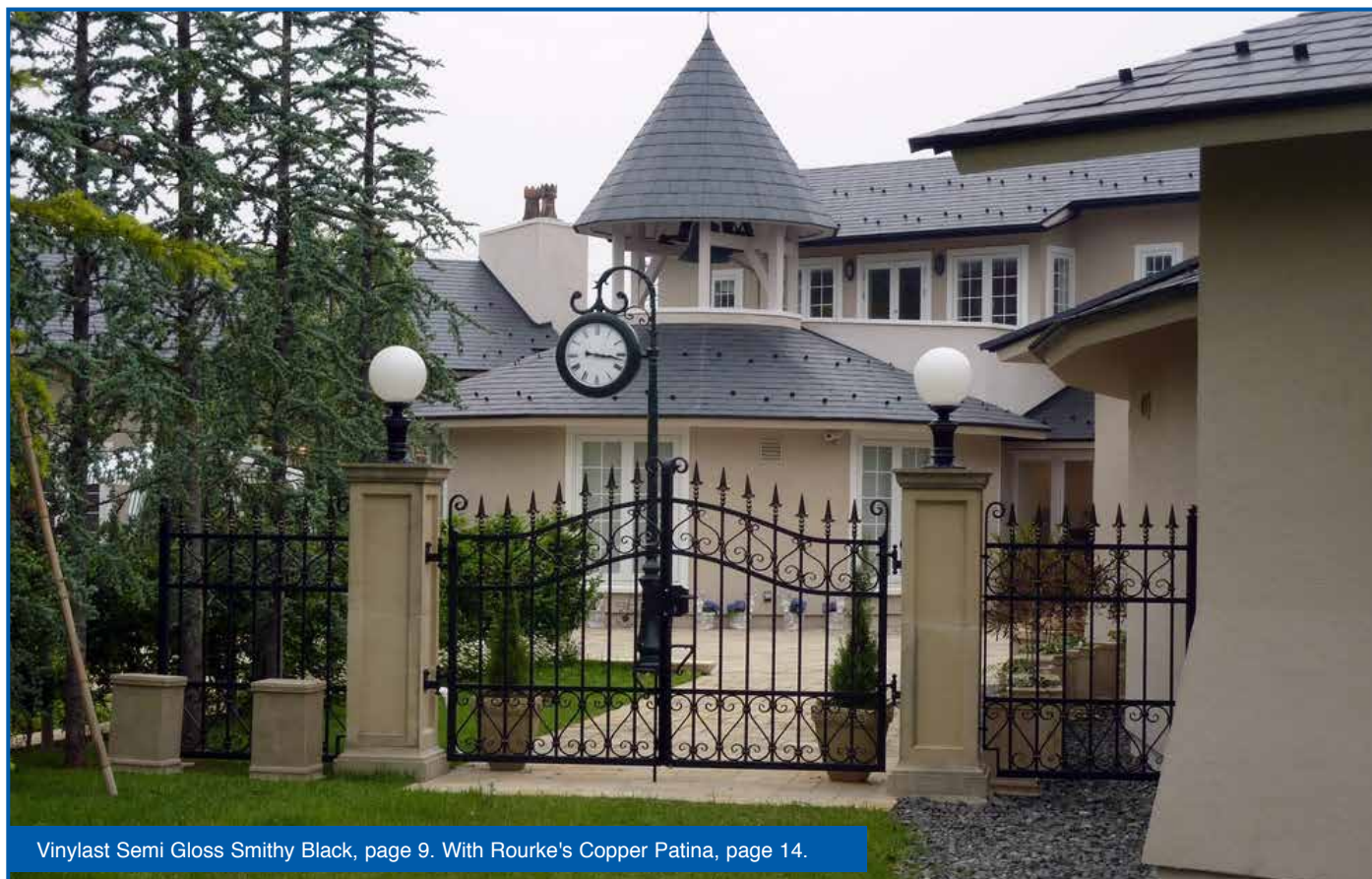
To obtain a dry film thickness of 81 microns using Vinylast™ it will require a total of approx. 300 microns dry film thickness.

OTHER BRUNDLE PAINT PRODUCTS

The theoretical coverage rates for our other paints are as follows:

• Rourke's Enamelrite	10.7m ²	per litre at 30 microns dry film thickness (d.f.t.)
• Brundle Brushable Enamel	10.7m ²	per litre at 30 microns dry film thickness (d.f.t.)
• Brundle Vinyl Range	5.3m ²	per litre at 75 microns d.f.t.
• Brundle Anti-Climb coating	Approx. 2m ²	per litre
• Primers, typically	Approx. 18.7m ²	per litre at 30 microns d.f.t.

In practice use these figures may be reduced depending on equipment and application.



Vinylast Semi Gloss Smithy Black, page 9. With Rourke's Copper Patina, page 14.

For the best results, when thinning paints we recommend the least amount of thinners that is necessary is used. Adding too much can mean the paint taking longer to dry or an additional coat is required.

- Always mix into the paint thoroughly.
- It is essential that the correct type of solvent is used for the paint being used. Using the wrong type of solvent may cause problems.

INDUSTRIAL QD THINNER



Litres	Code
5.0	29002
25.0	2900225

For use with Brundle Red Oxide, Brundle Grey Primer, Brundle Value Vinyl, Rourke's Enamelrite Zincaphos QD ZP Primer and Rourke's Vinylast™.

WHITE SPIRIT



Litres	Code
5.0	29WS05

Essential for Rourke's Patinas, Rourke's Staygold, Brundle Brushable Enamel and Brundle Brushable ZP Grey Primer.

MORDANT 'T' WASH



Litres	Code
5.0	29MTW05

PANELWIPE



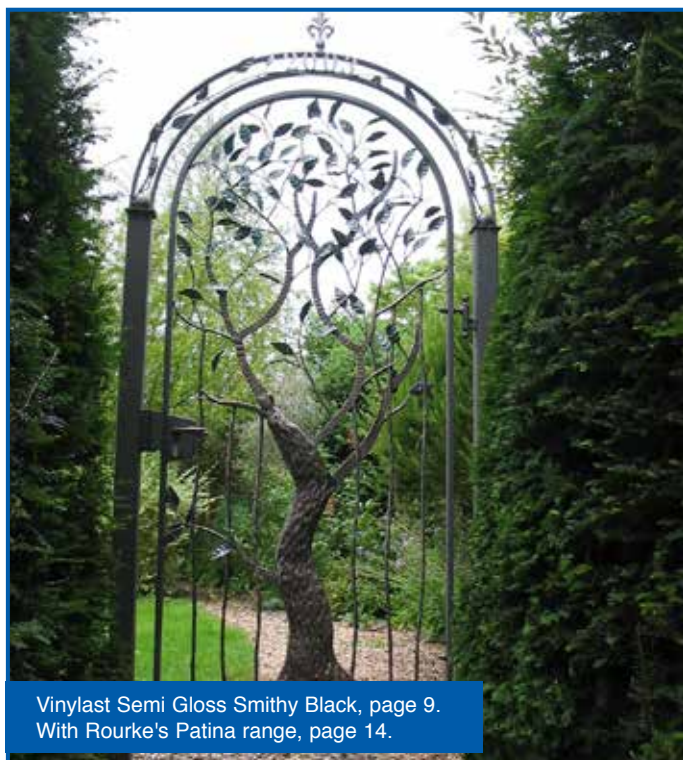
Litres	Code
5.0	29PW05

GUNWASH

Use for cleaning spray equipment.



Litres	Code
5.0	29GW05
25.0	29GW25



Vinylast Semi Gloss Smithy Black, page 9.
With Rourke's Patina range, page 14.



Vinylast Semi Gloss Smithy Black, page 9.
With Rourke's Copper Patina, page 14.



Vinylast Semi Gloss Smithy Black, page 9.
With Rourke's Copper Patina, page 14.

This section contains useful information and may help to avoid any problems if read before starting the work. It was written for Rourke's Vinylast™ and may also be useful with other paint products.

Rourke's Vinylast™ is a high quality, low maintenance finish specially designed for painting decorative ironwork. Since Vinylast™ was developed in 1990, it has been used on decorative ironwork in the UK, and around the world, with very few problems. However, should you experience anything but total satisfaction, here is a guide to what may have occurred, possible solutions, and how to avoid potential problems the future.

To avoid problems, follow the paint instructions. Clean off any sharp or unsightly areas on newly galvanised work. Work must always be clean and dry, and free from dust, oil, or grease before paint is applied. Always apply paint to the recommended dry film thickness (d.f.t.). We recommend a minimum d.f.t. of 80 microns (μm), and up to 125 microns in adverse locations. Always use the correct thinners and apply the correct amount. Please read our other Advice Sheets for detailed information on preparation.

In the unlikely event a problem should occur, please make a note of the batch number found on the can and the date it was purchased and contact one of our sales staff. Information such as the type of thinners used, how much the paint was thinned down, how the work was painted, if the work was galvanised and any photos of the work are invaluable in solving any problems.

For best results ensure that all work is completely dry before painting. Keeping a reasonable temperature in the spray area is also important, but always avoid having any naked flames in any area where paint is being applied. We also recommend leaving the work for a minimum of 2 to 3 days after painting before installing it, and recommend you avoid any heavy handling before the paint has fully cured, this can take some time depending on the temperature and the film thickness. Careful handling during transportation and installation of the work can save you time on site in touching up scratches and damaged paintwork.

STORAGE AND APPLICATION TEMPERATURES

Ideally paint should be stored between 5°C and 28°C and never below 0°C. Application temperature should be between 12°C and 22°C if possible.

Please Note: very low or high temperature can cause viscosity variations which can affect results.

POSSIBLE PROBLEMS AND SOLUTIONS

A) SMALL BUBBLES OR BLISTERS APPEAR ON THE SURFACE OF NEWLY PAINTED WORK

The most likely cause is moisture on the galvanised work. Trapped moisture tries to evaporate and causes small blisters to appear.

Solution:

- Try letting the paint thoroughly dry and then lightly abrade the surface and apply another light coat. Alternatively, you may need to strip off the paint and leave it to dry for 48 hours before repainting.

Prevention:

- Always ensure that work is thoroughly dry before painting. Although galvanised ironwork may feel dry to touch, moisture can be trapped in corners where scrolls or bars are welded. In an unheated workshop it can easily take up to 48 hours or longer to dry properly.



B) PAINT IS FLAKING

- This is usually an adhesion problem. If the film thickness is checked and the correct film thickness has been applied then several things must be considered:
- This is commonly caused by insufficient paint being applied, especially on the first coat.
- Was the work a very shiny galvanised finish?
- Was the work sufficiently dry before coating?
- Had it been properly prepared and any contaminants cleaned off?
- The coating may not have been given enough time to thoroughly dry and fully harden (see Section E 'The paint is not drying and is very soft')
- Adding too much thinner can contribute to adhesion problems.
- Have the correct thinners been used?

Solutions:

- In many cases additional paint will cure the problem. We suggest adding at least one more thick coat to a small section and checking the results. Please check the film thickness with a mechanical or electronic gauge and if this is the case additional coats may be required to obtain the recommended dry film thickness of between 80 – 120 μm (microns). Please see Advice Sheet 2, found on our website www.fhbrundle.co.uk
- Alternatively, strip the paint and start again.

Prevention:

- Always prepare well before painting - clean off all dirt, mill scale, weld spatter, oil and grease, etc.
- Any oil or grease can be removed with Brundle Panel Wipe (Degreaser) Product Code: **29PW05**, prior to painting.
- Very bright shiny metal surfaces must either be lightly abraded or treated with Mordant 'T' Wash code: **29MTW05** to achieve better adhesion.
- Mild steel could be prepared by grit-blasting followed by painting as quickly as possible
- Use thinners sparingly. Ideally with Vinylast™ the minimum necessary amount of thinners should be used. Always use the recommended thinners for Vinylast™ which is Industrial QD Thinners code: **29002** for 5 litres or code: **2900225** for 25 litres.
- Other products may require our White Spirit code: **29WS05**. Always check if you are unsure. See Paint Advice Sheet 10, found on our website www.fhbrundle.co.uk

C) RUST HAS DEVELOPED

If the work was not hot-dip galvanised, either the metal was already rusty and this was not fully removed, or the paint coating is too thin. If the work is galvanised. If an installer has accidentally cut or ground some steel close to the painted surface, tiny specks of metal can embed themselves into the surface of the paint. It can appear as if rust is coming through the paint. The simple solution is to paint over this area and cover the tiny pieces of metal.

Solution:

- In severe cases the surface may need full preparation and the rust removed. Work that is severely rusty may require blast-cleaning before painting, but painting should occur as soon as possible after this process. The recommended minimum film thickness is 200 microns wet and 80 microns dry. However, for coastal environments this must be increased to 125 microns dry film thickness (d.f.t.) for the best results. Always ensure the surface is clean, dry, and free from rust before painting.
- Repaint, ensuring that sufficient paint is applied and making sure that corners and crevices are not missed.

Prevention:

- Use a different colour as a first coat to help achieve the required film thickness. We suggest a first coat of dark grey followed with black to ensure that the sprayer covers every part at least twice. Black on black is hard to see and therefore it is difficult to assess the coverage correctly.
- This can be caused by using thinners excessively. Please note that for a conventional sprayer no more than 10% thinners should be used, if more is needed consider buying a new spray unit.
- To ensure that the correct film thickness is applied a Wet Film Thickness Gauge code: **29PTG01** should always be used.
- A quick rule of thumb is that wet film thickness is about 2.5 to 3 times the dry film thickness (d.f.t.). The difference between wet and dry film thickness is due to solvents evaporating during the drying process.
- Never cut or grind steel near painted work. Sparks can embed themselves in the paint surface and rust. This makes the work look rusty although it is perfectly sound underneath.

D) THE PAINT IS PEELING OFF A GALVANISED SURFACE

This may be an adhesion problem but could also be caused by applying too much paint in a single coat.

Solution:

- The paint may still be soft, so it could be worth allowing more drying time.
- Usually the only solution is to strip the paint, and start again, with good preparation and applying coats as recommended.

Prevention:

- All surfaces must be clean and oil free before painting. Please see Advice Sheet 1 on how to prepare the work for painting, found on our website www.fhbrundle.co.uk
- If the galvanised surface is bright and shiny apply Mordant 'T' Wash code: **29MTW05** before painting.
- Bright shiny galvanising could also be abraded first before painting with Vinylast™.

E) THE PAINT IS NOT DRYING AND IS VERY SOFT

The thicker the coating and the more thinner has been added, the longer it will take to dry and develop the final hardness. When too much paint is applied at one time, the paint can stay soft for days, but will harden over time as solvents gradually evaporate.

Please Note: Drying times may vary according to temperature and humidity, so it will dry better in a warm dry atmosphere. Always handle newly painted products with care. Some coatings may take a considerable time to become fully cured.

Solution:

- Leave in a warm, dry place until the paint is completely dry. This can take some time, but the surface will eventually harden.

Prevention:

- Building up the thickness with two or three thinner coats and leaving to dry for a couple of hours between each one will lead to much faster hardening than one thick coat, because the solvent will evaporate more quickly.
- Apply several thinner coats. Too thick a coating will surface dry and trap the residual solvent in the film which then acts as a plasticiser keeping the film soft for several days, which, if damaged or removed, could release solvent smells. Too thick a coating will dry hard eventually, but in severe case can take up to 2 weeks.
- Do not add more thinners than required.
- Ensure you have used the correct thinners for the product. Other thinners may slow down the drying process or cause other problems.

F) THE COLOUR OF THE PAINT DOES NOT MATCH THE COLOUR ON MY PREVIOUS ORDER

If external work was installed and painted several years ago, and part of the work repainted more recently, a colour difference can sometimes be noticeable. Even internal work will change colour.

However, if a job has just been painted and a new can of the same colour is noticeably different, something is amiss. In this case please make a note of the batch number on the base of the can, date and colour on the front label and contact us.

The colour on the work can also depend on having a consistent thickness of paint, this is particularly noticeable in bright colours such as reds, oranges, and yellows. With more transparent shades extra coats may be needed to get an even colour (in some cases the base metal colour may be showing through in areas where the coating is thinner).

Colour can appear to vary a little depending on the sheen level. Thicker coats will give a higher sheen level whilst a very thin coat will look flat and dull.



G) A PALE GREY POWDER CAN BE SEEN ON THE PAINT

After a few weeks of being applied, a grey powder-like film can be seen on the paintwork. 'White Rust' is formed by water reacting with zinc on a galvanised surface and is usually caused by insufficient paint thickness being applied. This can also happen after many years and is an indication that the work would benefit from a new coat of paint.

Solution:

- Clean the affected area thoroughly, make sure it is dry and apply additional paint until the recommended dry film thickness is acquired. We recommend using a film thickness gauge. See Advice Sheet 2 on our website www.fhbrundle.co.uk

Prevention:

Always apply to the recommended dry film thickness. This can save time and remove the necessity for return visits.

H) THE PAINT IS VERY THICK IN THE CAN

If the paint is very thick when the can is first opened, it may be caused by the length of time the paint has been stored. Most paints have an unopened shelf life of about a year or a little more if stored in good conditions. (Some types of cellulose base paints may only last for six months.) Paint will always thicken as solvents evaporate. All our paints have a batch number on the can, so in the event of any problem, please make a note of the batch number and your invoice number so we can trace when it was made and purchased.

Solutions:

- Do not open cans until ready to use. This will help to slow the rate of solvent evaporation.
- Always thoroughly mix the paint before use. If it is still too thick to spray add a small amount of the appropriate thinners and mix well.

Prevention:

- Ensure any leftover paint is properly sealed, this will prolong the usable life of the paint.
- Try to use your paint within a few months of buying it.
- If you are using Vinylast™ please remember that you can use any remaining paint as the first coat on the next job if you are spraying, even if it is a different colour.

I) THE PAINTED WORK HAS A 'MISTY' APPEARANCE AFTER DRYING

"Bloom" can happen when the temperature is low, or the paint is too cold. It can also happen if too much thinner is added. Storing the paint above 5°C and applying between 12°C and 22°C should prevent "bloom" developing.

Solution:

- If "bloom" occurs, try wiping the surface with White Spirit code: **29WS05**. A quick wipe may restore the finish to black. You may also try to spray a mist of xylene, but do not rub the surface with a cloth if xylene is used as it will soften the surface and may drag the paint.

J) HOW TO REPAIR ANY HANDLING DAMAGE AFTER INSTALLATION

- Always transport and handle painted work with care.
- For small areas, using a matching aerosol gives better and faster results than painting by brush. It can easily be faded into the rest of the work and built up slowly. Check our website for Aerosol details.
- If there is a deep scratch on Vinylast™ paint, a small amount of Industrial QD Thinners, code: **29002** for 5 litres or code: **2900225** for 25 litres may be used on a clean Low Lint Texteline Cloth code: **29RT150** or Non Woven Lint Free Cloth code: **29SW68** to wipe the edges of the scratch. This will help to give a smooth appearance. Then spray several coats with an appropriate aerosol. Several layers of thinned Vinylast™ paint may also be applied with a brush.

USEFUL TIP

- Always use the correct thinners. If different solvents are used a chemical reaction may occur. If in doubt, we suggest a small area is tested before painting the whole surface.

Please see our other Advice Sheets for information about painting ironwork, found on www.fhbrundle.co.uk

USEFUL INFORMATION

Please Note: RAL and BS colours can't be displayed accurately in catalogues or on computer screens. The examples of colours that we show are for guidance only. We recommend that you purchase a physical colour chart or swatch to be sure of the correct colours.

IMPORTANT

- Correct Health and Safety procedures must be followed at all times.
- Always wear appropriate clothing and PPE. Please consult our Health and Safety Data Sheets. Full Data sheets are available from our all our branches.
- Basic information is available on the cans but we strongly recommend all users read the full data sheets for each product.
- Data sheets can be viewed or downloaded from our website at www.fhbrundle.co.uk by searching using the product code and then clicking on the SDS icon. You can also call 01282 834545 (Mon-Fri 08:30–16:30) and we will be happy to email MSDS information or post a copy to you.
- NEVER paint or spray in the vicinity of any naked flames.

We also recommend that users of all types of paints and other coatings check for the latest data sheets at regular intervals and update their files with up to date information.

There must always be sufficient ventilation when painting by any method, and fire precautions should always be adhered to.

Appropriate personal protective equipment (PPE) should always be used whenever necessary. You can obtain further important information regarding PPE, as well as several other useful topics, by visiting www.hse.gov.uk/index.htm

Please note that special safety regulations apply to Anti-Climb coating. Please see page 9 for further information.

SAFETY DATA SHEETS ARE PROVIDED BY:

F.H.Brundle
24 - 36 Lamson Road
Ferry Lane North
Rainham
RN13 9YY

Tel: 01708 253545
Fax: 01708 253550
Email: sales@brundle.com
Web: www.fhbrundle.co.uk

VIEW AND DOWNLOAD SDS

Safety Data sheets can also be viewed and downloaded from our website at www.fhbrundle.co.uk

E-MAIL

Safety Data Sheets can also be e-mailed to you upon your request to: burnleystaffemail@brundle.com

IN PERSON

You can also request a copy of the H & S Data Sheets at any of our branches.



QUICK CHECK CHARTS

COLD GALVANISE PROTECTION

We have some excellent zinc rich primers and touch up aerosol sprays when you need high quality protection against rust or are touching up hot dipped galvanised steelwork.

Code	Size	Description	Application	Use with coating	Notes
2902A	500ml	ZG-90 Bright Cold Zinc Galvanise Aerosol	Spraying newly-galvanised steelwork	Can be over-coated by many top coats, or as a combined undercoat and top coat	Extremely fast-drying Comes with 2 applicators
2902G	500ml	ZG-90 Cold Zinc Galvanise Aerosol Green RAL 6005	All the protection of a zinc rich spray in Green	Can be used as an all-in-one finish	Extremely fast-drying High performance glossy finish Zinc purity 98%
2902B	500ml	ZG-90 Cold Zinc Galvanise Aerosol Black RAL 9005	All the protection of a zinc rich spray in Black	Can be used as an all-in-one finish	Extremely fast-drying High performance glossy finish Zinc purity 98%
2902M	500ml	MX-90 Matt Cold Zinc Galvanise Aerosol	Spraying weathered galvanised steelwork	Can be over-coated by many top coats, or as a combined undercoat and top coat	Long term protection Extremely fast-drying Zinc purity 98%
2902ABR	500ml	Brushable version of ZG-90 Bright Cold Zinc Galvanise Aerosol	By brush For use with newly galvanised steelwork	Can be over-coated by many top coats or used as an all-in-one finish.	High performance corrosion protection Shower proof in 15 mins at 20°C
2903	400ml	Galvafrond zinc rich paint	By brush For use with galvanised steelwork	Can be over-coated by many top coats	Can be thinned with Brundle 29002 Thinners

PRIMERS

Code	Size	Product	Description	Also for	Colour	Apply by	If necessary, thin with	Notes
29BZPGP025	2.5L	Zinc Phosphate Grey	Brundle Brushable Zinc Phosphate Grey Primer for use with Brushable Enamel	General purpose zinc phosphate primer for brush application	Grey	Brush	White Spirit code: 29WS05	A quality primer containing zinc phosphate for good protection.
29ZQDP01	1L	Zincaphos QD ZP Grey	Excellent Zinc Phosphate grey primer for use with Brundle Enamelrite	General purpose quick drying primer, containing zinc phosphate	Grey	Best sprayed	Industrial QD Thinners code: 29002 for 5L or code: 2900225 for 25L	A quick-drying quality primer, containing zinc phosphate for good protection.
29ZQDP05	5L							
29ZQDP20	20L							
29BRO025	2.5L	High Build Red Oxide	General purpose steelwork primer	Excellent value general purpose primer	Red	Spray or Brush	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	An excellent value general purpose primer
29BRO05	5L							
29BRO20	20L							
2904P	5L	Fast Dry Red Oxide	High quality fast drying Red Oxide Primer	Good quality general purpose primer for metalwork	Red	Spray	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	Rapid drying excellent obliteration
29010	5L	Satin Black HBV	General purpose Modified vinyl	Excellent value	Black	Spray or Brush	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	General purpose
Any Vinylast™ Paint except Vinylast™ Gloss	2.5L 5L 20L	Rourke's Vinylast™	High quality Vinyl coating	Ideal for decorative ironwork	Any RAL or BS number (Minimum quantities may apply)	Spray or Brush	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	Please note that Rourke's Vinylast™ Gloss can only be used as a top coat
2904A	0.5L	RX-90	Red Oxide Aerosol Primer	Painting small areas or touching up damaged paintwork	Red	Aerosol spray	N/A	Very handy for smaller jobs

QUICK CHECK CHARTS



TOP COATS

Product	Best for	Also for	Sheen	Colour range	Apply by	Undercoat/Primer	Thinners	Notes
Rourke's Vinylast™	Galvanised Decorative Ironwork	Non-galvanised steelwork	<ul style="list-style-type: none"> • Matt • Semi Gloss 	Our standard colour range plus any RAL or BS number to order. (Min. 5L quantities may apply for special colours)	Spray, roller or brush to 80 -120 microns d.f.t.*	Rourke's Vinylast™ Matt or Semi Gloss	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	High Quality Low Maintenance N.B. Rourke's Vinylast™ Gloss can only be used as a top coat.
Rourke's Vinylast™ Gloss	Galvanised Decorative Ironwork	Non-galvanised steelwork	<ul style="list-style-type: none"> • Gloss 	Standard Colours plus any RAL or BS number to order (Min. quantities may apply for special colours)	Spray, roller or brush	Always use a first coat of Rourke's Vinylast™ Matt or Semi Gloss to a total of 80-120 microns d.f.t.*	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	N.B. Rourke's Vinylast™ Gloss can only be used as a top coat.
Brundle Brushable Enamel	General purpose	Decorative ironwork	<ul style="list-style-type: none"> • Satin • Gloss 	Black RAL 9005 White RAL 9010 Special colours on application.	Brush	Brundle Brushable ZP Primer code: 29BZPGP05	White Spirit code: 29WS05 N.B. Do not use with xylene based solvents.	Use where a brushable enamel finish is required. Use if the ironwork will come into contact with other 'plastic' materials, such as cables, Bubble Wrap, etc.
Rourke's Enamelrite	General purpose	Decorative ironwork	<ul style="list-style-type: none"> • Satin & • Gloss 	Black RAL 9005 White RAL 9010 Special colours on application.	Spray	Zincaphos QD Sprayable ZP Primer code: 29ZQDP05	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	Use where a Sprayable enamel finish is required.
Prime Fast Dry Enamel code: 29001P	General purpose	Decorative ironwork	<ul style="list-style-type: none"> • Semi Gloss 	Black RAL 9005	Spray	Brundle Product Code: 2904P Fast Dry Red Oxide	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	Rapid drying, excellent value. Small areas may be brushed.
Brundle Vinyl Range	General purpose where a vinyl finish is required	Decorative ironwork	<ul style="list-style-type: none"> • Semi Gloss • Gloss 	Black RAL 9005 Graphite Green BS 4800 14C39	Spray, roller or brush	Does not require any specific undercoat but may require several coats	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	Excellent value modified vinyl.
Hammered Finish	Excellent for painting uneven or imperfect metal surfaces	Machinery Rusty ironwork	<ul style="list-style-type: none"> • Hammered Finish 	Black Silver Grey	Brush	Zincaphos QD Sprayable ZP Primer code: 29ZQDP05 Brundle Red Oxide	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	-

*d.f.t. = Dry Film Thickness

For further information please read our Paint Advice Sheets at www.fhbrundle.co.uk/groups/PAINTTEC Paints



QUICK CHECK CHARTS

METALLIC FINISH

Use for small solid areas of colour such as finials and rosettes.

Code	Size	Description	Thinner	Apply with	Use with coating	Notes
29014	1L	Gold Polyurethane	White Spirit code: 29WS05	Brush	Can be applied on top of most paints. Test a small area if in any doubt.	Apply several coats as necessary
29RSS025	2.5L	Rourke's Sparkle Silver Vinylast™	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L	Spray or small areas can be brushed	Use as a main coat for a modern appearance on ironwork	Sparkly finish

PATINA & STAYGOLD PAINT

Perfect for highlighting and decorative finishes.

Code	Size	Description	Thinner	Apply with	Use with coating	Notes
29P001	375ml	Rourke's Copper Patina	White Spirit code: 29WS05	Sponge or brush	For highlighting on top of other coatings	Best with Matt or Semi Gloss
29P002	375ml	Rourke's Gold Patina	White Spirit code: 29WS05	Sponge or brush	For highlighting on top of other coatings	Best with Matt or Semi Gloss
29P003	375ml	Rourke's Silver Patina	White Spirit code: 29WS05	Sponge or brush	For highlighting on top of other coatings	Best with Matt or Semi Gloss
29P004	375ml	Rourke's Verdigris Patina (Dark Green)	White Spirit code: 29WS05	Sponge or brush	For highlighting on top of other coatings	Best with Matt or Semi Gloss
29007	1L	Rourke's Staygold	White Spirit code: 29WS05	Brush	Use for painting railheads and decorative parts on ironwork	Long-lasting, high quality gold paint

BRUNDLE ANTI-CLIMB COATINGS

Ideal solution for security applications

Code	Size	Description	Apply with	Use for	Notes
29ACCB01	1L	Black Anti-Climb Coating	Brush	Security purposes	Please read Advice Sheet No. 8 before using. Found on www.fhbrundle.co.uk
29ACCG01	1L	Grey Anti-Climb Coating	Brush	Security purposes	Please read Advice Sheet No. 8 before using. Found on www.fhbrundle.co.uk

TOUCH UP PAINT

Useful for small paint jobs or for repairing damage or scratches.

Code	Size	Description	Application	Used for	Notes
2904A	500ml	RX-90 Red Oxide Aerosol Primer	Aerosol	Basecoat which protects against rust Effective on bare metal or light rust	Fast-Drying formula Use as an undercoat on most paints
2909	500ml	HT-90 Black High Temperature Aerosol	Aerosol	For use when a high temperature paint is required	-
29RMBS	400ml	Rourke's Smithy Black Matt Vinylast™ Aerosol	For spraying small areas or touching up	Repairs and small areas to Matt Smithy Black Vinylast™ paintwork	Quick-drying and easy to use
29RGSBS	400ml	Rourke's Smithy Black Semi Gloss Vinylast™ Aerosol	For top-coating small areas or touching up	Repairs and small areas to Gloss Smithy Black Vinylast™ paintwork	Quick-drying and easy to use
29RSBS	400ml	Rourke's Smithy Black Gloss Vinylast™ Aerosol	For spraying small areas or touching up	Repairs and small areas to Semi Gloss Smithy Black Vinylast™ paintwork	Quick-drying and easy to use

QUICK CHECK CHARTS



PAINTS TO MATCH POWDER COATING

A small range of paints designed to match powder coated products for use when touching up.

Code	Size	Description	Application	Used for	Notes
29PC1BG	1L	Green RAL 6005	Brush	Matching powder coated finish	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L
29PC1BB	1L	Black RAL 9005	Brush	Matching powder coated finish	Industrial QD Thinners code: 29002 for 5L code: 2900225 for 25L
29PC400SG	400ml	Green RAL 6005	Spray	Matching powder coated finish	-
29PC400SB	400ml	Black RAL 9005	Spray	Matching powder coated finish	-

ACCESSORIES

Code	Size	Description	Application	Used for	Notes
29FOAM	N/A	Foam pieces	Load patina and wipe gently	Highlighting with our Patinas. Applying Patina with Foam sponges will give the best results	Apply a small amount initially and add more to achieve the desired effect
29PTG01	N/A	Wet film thickness comb	N/A	Checking the amount of wet paint applied	-
29SW68	400 pieces*	Lint Free Cloth	N/A	For use with Brundle Panelwipe and general purposes	Has many uses around the workshop
29RT150	150 pieces*	Low Lint cloth	N/A	General purpose cloths	Has many uses around the workshop

*Approximate number of cloths per pack.

THINNERS & SOLVENTS

We offer two thinners which can be used with our products and a range of solvents for various uses. For best results we recommend that you add the least amount of thinners necessary when thinning paint. Too much thinner can mean the paint taking longer to dry or may mean that an additional coat is necessary. It is essential that the correct type of solvent is used for the paint being used.

THINNERS

Code	Size	Description	Application	Used with coating	Notes
29WS05	5L	White Spirit	Mix thoroughly	Rourke's Patinas Rourke's Staygold Polyurethane Gold code: 29014 Brundle Brushable Enamels Zinc Phosphate Grey Primer code: 29BZPGP05	Essential for these products
29002	5L	Industrial QD Thinners	Mix thoroughly	High Build Red Oxide Zincaphos QD ZP Grey Primer Brundle Vinyl Range Rourke's Enamelrite Rourke's Vinylast™	Excellent value For quicker drying. Recommended for use with Rourke's Vinylast™
2900225	25L				

SOLVENTS

Code	Size	Description	Application	Used for	Notes
29MTW05	5L	Mordant 'T' Wash	Usually brush	Pre-treatment of bright shiny newly-galvanised steelwork or aluminium	-
29GW05	5L	Gunwash	Brush or cloth	Cleaning spray-guns and equipment	-
29GW25	25L				
29PW05	5L	Panelwipe	Brush or cloth	Preparation prior to painting Degreaser	For cleaning off any oil, grease or dirt



QUICK CHART CHECKS

IMPORTANT

Drying times for all paints and coatings may vary according to temperature and humidity. Always handle newly painted products with care. Some coatings may take a considerable length of time to become fully cured.

PLEASE NOTE

This information is as accurate as possible but should be treated as a helpful guide only. F.H.Brundle cannot accept any responsibilities for the information contained in our Advice Sheets. As we have no control over application, film thickness, the skill of the operator, the equipment used, local conditions, basic materials or a particular situation. It is therefore impossible to offer any specific guarantees. If you require information about a project, please do not hesitate to ask. We will arrange for a specialist technician to contact you and advise if necessary.

FINALLY...

We hope this guide has been useful. We endeavour to provide a friendly and helpful service, so if you have any further questions please do not hesitate to contact a member of staff who will be pleased to help.

Please visit www.fhbrundle.co.uk for a full range of products and our online ordering service. You can also find a list of all our branches and their contact numbers on our website or you can e-mail sales@brundle.com for prompt attention.

BRUNDLE DESIGN STUDIO

F.H.Brundle has produced a web app to assist customers. It can help convert enquiries into sales by enabling you to design ironwork with, or for, your customers. Our FREE Brundle Design Studio can be found on our main website at www.fhbrundle.co.uk/design-app

Brundle Design Studio also contains useful Calculators to help with estimating and designing and a shared Design Library.

USEFUL INFORMATION

PPE: Personal protection equipment

SDS: Safety data sheets

d.f.t: Dry film thickness

SAFETY DATA SHEETS

These can be found on www.fhbrundle.co.uk/groups/PAINTTEC_Paints

Advice Sheet	Description
1	General Information
2	Coverage Information
3	Troubleshooting
4	Tips for Best Results
5	Highlighting with Rourke's Patina & Staygold
6	Health & Safety
7	Finishing Internal Ironwork
8	Anti-climb Coating
9	Primers & Solvents
10	Paint Selector Charts



F.H.BRUNDLÉ

SERVING THE TRADE SINCE 1889

502 Millbrook Road
Third Avenue
Millbrook
Southampton
Hants SO15 0JX
Tel: 023 8070 3333
Fax: 023 8070 5555

24 - 36 Lamson Road
Ferry Lane North
Rainham
Essex
RM13 9YY
Tel: 01708 25 35 45
Fax: 01708 25 35 50

Condor Road
Quarry Hill Ind. Est
Ilkeston
Derbyshire
DE7 4RE
Tel: 0115 930 2070
Fax: 0115 951 2455

81-82 Middlemore Ind. Est
Middlemore Road
Smethwick
Birmingham
B66 2EP
Tel: 0121 565 8282
Fax: 0121 565 8292

Haydock Lane
Haydock Ind. Est
St. Helens
Merseyside
WA11 9XE
Tel: 01942 86 88 88
Fax: 01942 863 88 99

Huly Hill Road
Edinburgh Interchange
Newbridge
Edinburgh
EH28 8PH
Tel: 0131 335 5999
Fax: 0131 335 5911

Dunivaig Road
Queenslie Ind. Est
Queenslie
Glasgow
G33 4TP
Tel: 0141 773 6699
Fax: 0141 773 6633

www.fhbrundle.co.uk
sales@brundle.com