

**highland**   
Experts in protection and colour



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# See me, touch me

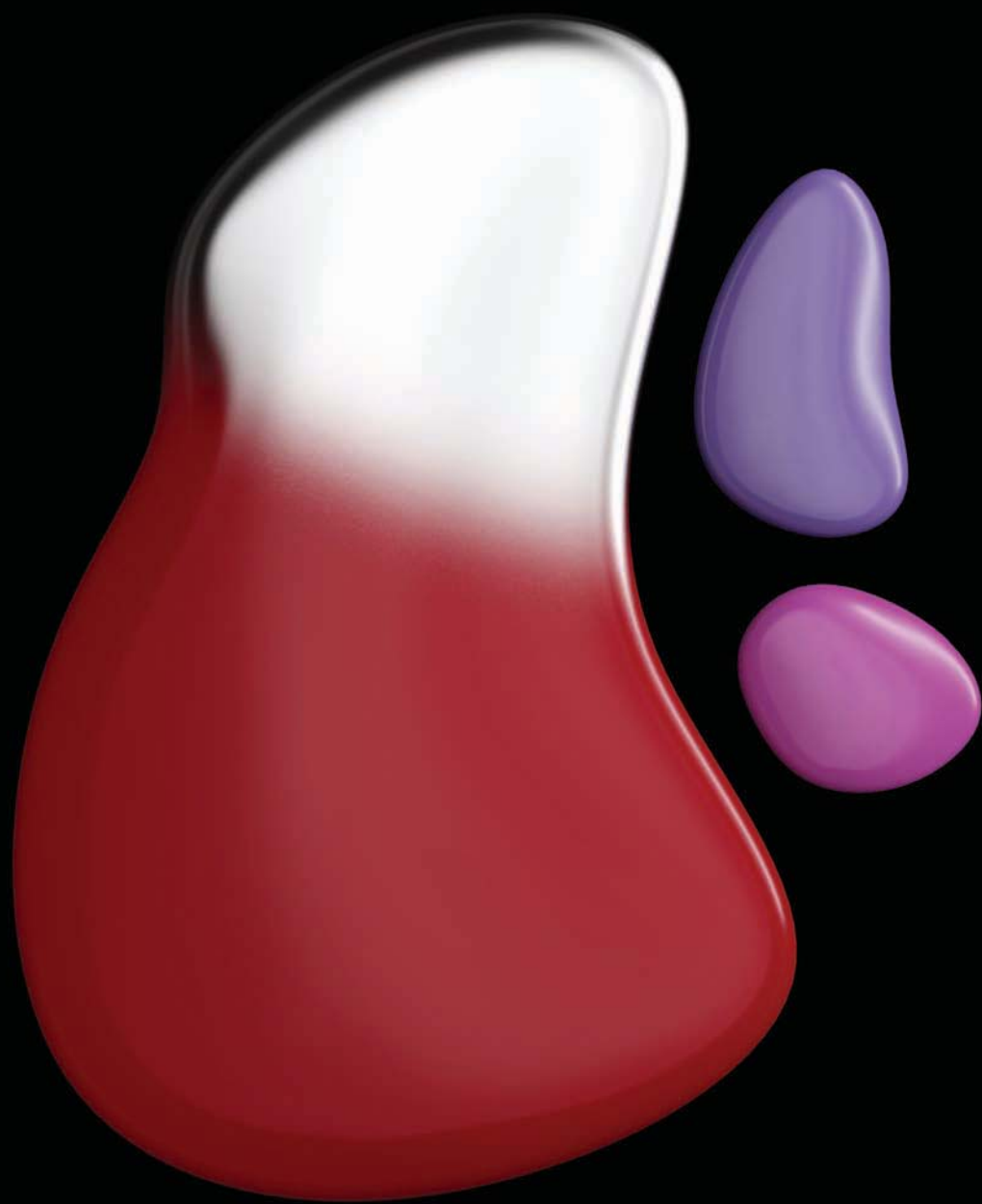
**Very beautiful. Very strong. Very colourful.**

**Very often the difference.**

In any of its more than 250 colours, in any of its many textures, Colourgalv protected steel has all the qualities, features and benefits you'd expect of a state of the art material ... including certain highly practical advantages.

Thirty years technical heritage goes into every millimetre. Up to twenty five years' guarantee is available with every piece.

Better still, a few minutes invested in these pages can provide ideas to last a lifetime. Welcome to the proven best corrosion protection in the world, complete with colour and texture.



# colourgalv<sup>x</sup>

With a heritage of technical expertise and a passion for innovation, Colourgalv offers a unique service and exceptional scope for the imagination.

## Change the colour, change the world



Explore the possibilities and think where they can take you. Transform the mood of a whole environment with your choice of texture and colour. Refine details in unexpected ways.



Colourgalv offers more individuality, greater expressiveness, more originality. The spectrum is vast and the solutions are at your fingertips.

# Steel yourself for new dimensions

**How creative can protected steel be? How impactful can its colours be? How subtle can its textures be? What happens when they are all working together?**

All the colours and textures available for aluminium are now available on mild steel, and Colourgalv offers new

dimensions – solutions can be even more original, even more relevant and even more imaginative.

There is no compromise on quality, durability and value for money. In fact, the extended life of the finished product provides superior value for money.

It's an absolute steel.

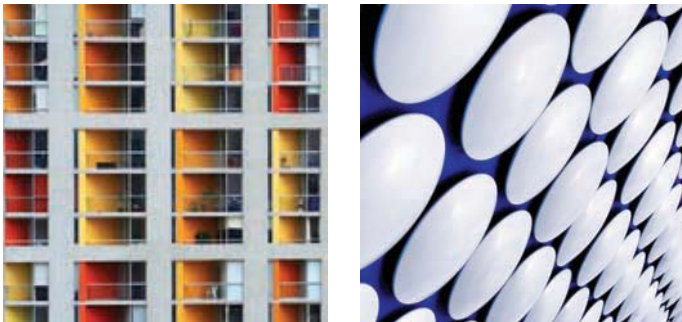


# Practical matters

**Every new era brings new advances and new opportunities. Colourgalv is a fusion of cutting edge developments, robust science, trusted coatings solutions and rigorous adherence to British standards.**

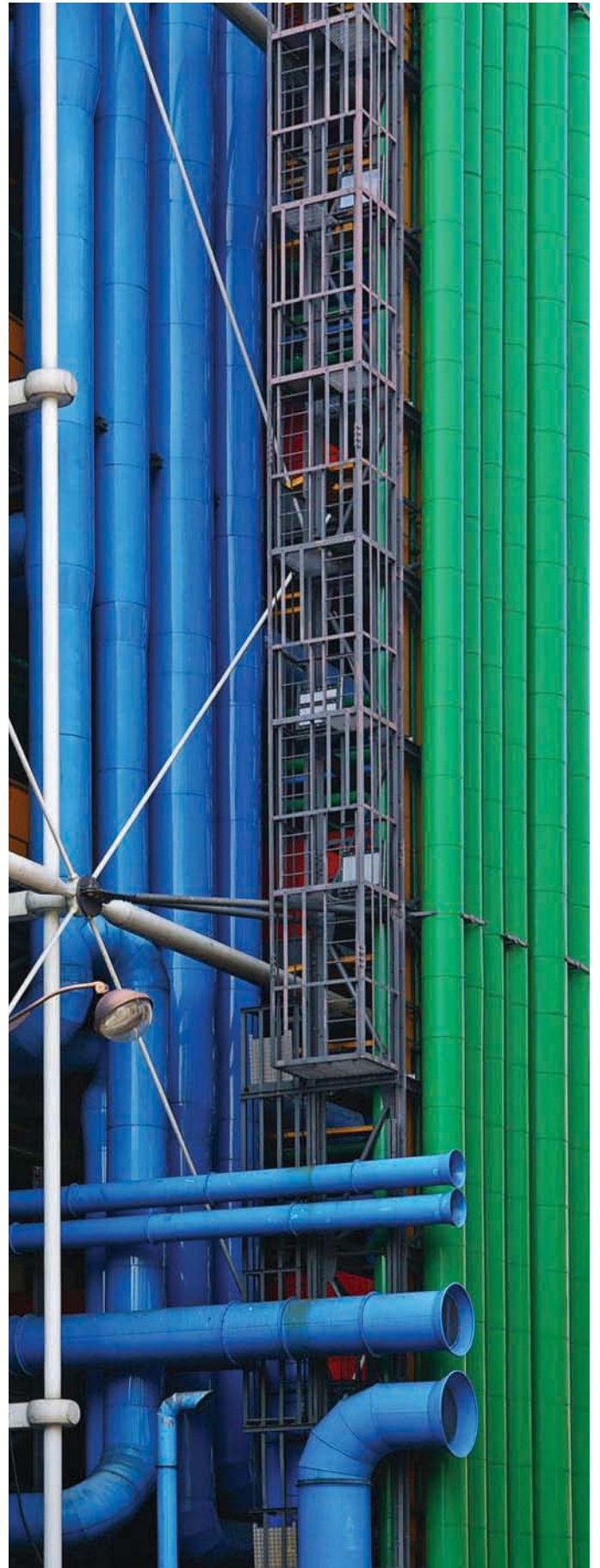
Modern-day challenges have been faced and overcome. For instance, Colourgalv anti-graffiti coating has passed the London Underground test with flying colours.

Performance exceeds 2000-hour salt spray tests. Qualified chemists and metallurgists are on site to provide professional guidance. Our product is sympathetic to the environment, through its organic coating and by being solvent free - no VOCs.



There is no waste in the processes used – every piece of metal and every drop of liquid is recycled. The local water supply is returned to source cleaner than it comes in.

Highland is Akzo Nobel / Interpon approved annually, and audited every three months: we are one of only a select few external companies with approved applicator status in the UK, and the only one in the northern half of the UK.



# Thirty years in hot zinc

The product is durable and so are we. Parent company Highland Metals was founded in 1978 and we trade under the names Highland Galvanizers and Highland Colour Coaters Limited. Our products and services are unique in Scotland and the north of England, and our reputation has been earned by providing high quality, cost effective and comprehensively professional solutions from our custom-built plants in Elgin and Cumbernauld.





## Rainbow warriors

For many architects and specifiers, excellent corrosion protection is no longer enough. Combining traditional strength and longevity with colour gives an additional dimension that can transform a job and enhance an environment. Colougalv was launched by Highland to provide customers with all the benefits of galvanized steel plus an extra durability and abrasion-resistance that paint-based systems cannot match. Colougalv serves the UK from its advanced production centre in Cumbernauld.





# galvanize<sup>x</sup>

**It's the story of the century – galvanize steel and it is able to not just endure but also performs brilliantly for 100 years. So designs will have strength, looks and longevity.**

## **Galvanize your thinking**



**Steel is strong, but galvanized steel is stronger, with the bonus of a life expectancy in excess of 100 years in some cases. Galvanizing costs are almost identical to a two-coat paint system, which may survive for only ten years.**

Hot dip galvanizing comprises the chemical cleaning of steel fabrications followed by immersion in molten zinc. Ultimately there are several layers of iron-zinc alloys - which are harder than steel - and a layer of softer zinc on top. Metallurgically bonded to the steel, the coating provides one of the best corrosion protections available and as a sacrificial defence it is outstanding. It also dispenses with any need for expensive shot blasting.



# powdercoat ✕

**Looks beautiful, acts tough – powder coated galvanized steel has genuine depth to its character, as well as outperforming many other systems.**

## **Powder coating gives you the edge**



**Applying a powder coated finish to galvanized steel gives thicker edge protection and greater abrasion resistance, and it readily outperforms many alternatives, including wet paint systems. Not only hardwearing but also organic, the powder coating process is available with different gloss levels, an immense choice of colours and a variety of textures.**

Colourgalv employs a ten-stage pre-treatment process, with sample blanks being processed and tested with every order to ensure the coating is of the highest standard. Colourgalv has one of the largest capabilities to powder coat steelwork in the UK and can accommodate items of 7 x 3 x 1.2 metres and up to a tonne in weight.

## Solution spanning centuries



The Victorian original of The General Well's Bridge in Inverness fell into disrepair and was eventually replaced in 1988 with an entirely galvanized structure, the engineers recognising that this solution would protect their work from corrosion for at least another half century.

The footbridge today remains in excellent condition. It's worth noting that the gates were added years later and were not galvanized. The corrosion tells its own story.

## High quality low maintenance

As part of the regeneration of historic Glasgow Green, Glasgow's oldest park, 2.1 kilometres of fencing was commissioned. The Double Gothic design and replica 19th century finials are used in 1,015 separate panels, which comprised over 33 tonnes of fencing. To maximise value for public money, Glasgow City Council sought a low maintenance way to guard against corrosion, bumps, knocks and scratches while still enhancing the park's environment. They chose Colourgalv, which delivered the fencing in striking black, providing a robust solution that was at once in keeping with the area's traditions and yet modern and attractive.



The project took 18 months to complete and was finished in time for Christmas 2004. David Rintoul, Glasgow's Senior Officer at the Land Services Department, said, "We have been most impressed with this solution and have received very positive feedback from the public."

**Colourgalv is provided by Highland from Cumbernauld, close to the national motorway network, and conveniently located between Glasgow and Edinburgh.**



**Perfectly placed for the future, with state of the art technology and decades of experience to draw on – Colourgalv is tailoring myriad solutions to industry leading heights.**

Our custom-built plant provides galvanizing and powder coating services under one roof, to the highest standards. Flexibility is another Colourgalv hallmark and solutions are adapted to specific requirements.

Services include • free quotations • free CPD presentations • free design consultancy • order tracking • Xpress galvanising (24 hours) • Xpress Colourgalv (on request) • specialist transport • shot blasting and other pre-treatments



**Highland Colour Coaters Ltd**

**Tower Road**

**Blairlinn Industrial Estate**

**Cumbernauld**

**G67 2JH**

**T: 01236 731444**

**F: 01236 731555**

**E: [enquiries@higalv.co.uk](mailto:enquiries@higalv.co.uk)**

**W: [www.higalv.co.uk](http://www.higalv.co.uk)**



**Highland Galvanizers**

**Pinefield Industrial Estate**

**Elgin**

**Moray**

**IV30 6FG**

**T: 01343 548855**

**F: 01343 545551**

**E: [enquiries@higalv.co.uk](mailto:enquiries@higalv.co.uk)**

**W: [www.higalv.co.uk](http://www.higalv.co.uk)**