

Birmingham Plating Company



Specialists in high volume, bright zinc and nickel chrome decorative electroplating.

Aligning Our Service with Our Customers' Business Priorities

BPC have over 30 years' experience delivering to many of the household names seen on the high street today. BPC offers one of the largest plating capabilities in the country and provide a comprehensive range of plating processes and services that facilitate a seamless, high grade and cost effective extension to your manufacturing capability.

We are committed to:

- Providing a first class finish that reflects the high value of your brand.
- Reducing the cost of finishing, storage and distribution.
- Improve environmental aspects by regular updates and tests of our equipment
- Delivering a fast turnaround and aligning with your tight delivery schedules.

Fast Turnaround and Attention to High Quality

BPC has invested in high volume automated, computerised plating lines (3 Zinc Rack and one Chrome line), to help our customers optimise single supplier cost efficiencies. Our capacious warehouse and yard facilities can accommodate large and bulky structures – as well as large quantity smaller items.

Also our on-site laboratory houses X-Ray and corrosion test and verification facilities ensuring our processes completely satisfy the high standards required by the industry, our customers and their end-users.

Centrally Located – Ease of access

Our purpose built processing facility is one of the largest and conveniently located factories in the U.K., situated just off the M5 in the heart of the West Midlands, and easily accessible from the M6, M42, and M1.

Focus on Quality Standards, Personnel Safety and Environmental Well Being

BPC operates to exacting and ethical standards, complying with BS EN ISO 9001:2008 Quality Standard, and BS EN ISO 14001:2004 Environmental Standard to assure high quality manufacture. These standards are supported by our regulatory compliance with REACH, and other legislations adopted by the European Union to improve the protection of human health and the environment from the risks that can be posed by chemicals used in processing.



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Plating Processes

Zinc Plating with Additional Protective Coatings, Sealants and Lacquers

Birmingham Plating Co Ltd provide Zinc plating process with subsequent additional protective chromate conversion coatings, top coat sealants and lacquers to give additional protection particularly under humidity and moisture conditions.

The following table shows a possible range of corrosion protection tested in 5% neutral salt spray in accordance with ASTM B117.

Corrosion Protection		
	White-h	Red-h
Trivalent Clear Passivate	20-24	96
Hexavalent Yellow Passivate	72-96	150-200
Trivalent Thick Film Trivalent Thick Film Passivate +Top Coat	120	360 500

Bright Chrome Plate

Bright or Decorative chrome plating is our speciality. It is one of the best barrier finishes that can be applied to steel parts.

For normal decorative "Chrome Plate" a single layer of bright nickel is applied to the base material and then a thin layer of chromium is deposited.

We run our large, automated chrome plating plant 24 per day. We specialise in high volume wire goods and tubular parts such as cooker shelves, kitchen baskets, shop-fittings and other industrial parts up to 3 metres in length.

Bright Nickel

Birmingham Plating Co Ltd offers high quality Nickel plating on a wide range of steel products. Nickel provides the bright, level surface that is expected by customers who specify "Chrome Plate."

Compared to Nickel+Chrome, bright nickel finish on it's own has only limited value as a protective coating. as the brightness is lost, a dull finish is the result as the oxide film increases in thickness.

For Further Advice and Information

Please do not hesitate to contact us for any advice or information concerning your plating needs – we will be pleased to help.

E:avtar@birmingham-plating.co.uk or **Tel: 0121 558 2341** or please refer to our web site **www.birmingham-plating.co.uk**.

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