



JC METALWORKS:

POWDER COATING EXPERT SERVICES

JC Metalworks has gained expertise in powder coating, constantly pushing the boundaries of quality and flawless finishes. We are a company dedicated to exceeding expectations through cutting-edge technology, meticulous processes, and unwavering commitment to customer satisfaction.

Powder coating is a highly durable and eco-friendly finishing technique that surpasses traditional paint. It offers superior chip and scratch resistance, increased UV protection, and a wider range of aesthetic possibilities.



ITW GEMA POWDER COATING SYSTEM



At JC Metalworks, we are proud to invest in the industry-leading technology ITW Gema powder coating system.

UNMATCHED PRECISION AND CONTROL

The ITW Gema system delivers a flawless, consistent finish even on complex shapes and intricate designs. This ensures a uniform coating thickness across your entire project.

EFFICIENCY AND SPEED

The system's automation features optimise production times while maintaining the highest quality standards, allowing us to meet your deadlines efficiently.

REDUCED WASTE

ITW Gema's advanced technology minimises waste by precisely controlling the application process. This translates to a more sustainable approach and cost-effectiveness for your project.



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OUR METICULOUS PRETREATMENT & PREPARATION PROCESSES



We understand that achieving a flawless finish starts long before the powder hits the surface. That's why we employ a comprehensive pretreatment and preparation process, ensuring a perfect foundation for every project:

GRINDING

Our operatives meticulously grind the surface to remove any imperfections and achieve a smooth, even surface for optimal powder adhesion.

BUFFING

The surface is buffed to eliminate any remaining irregularities, further enhancing the smoothness and creating a flawless base for the coating.

MASKING AND BUNGING

To ensure precise application and protect sensitive areas, our skilled operatives meticulously mask and bungee specific sections of the product. This meticulous attention to detail guarantees a clean and professional finish.

BEYOND AUTOMATION: OUR EXPERIENCED SPRAYERS AND OPERATIVES



While we leverage the power of technology, we believe in the irreplaceable value of human expertise. Our team comprises:

EXPERIENCED SPRAYERS

Our skilled sprayers possess a keen eye for detail and a deep understanding of powder coating techniques. They apply the powder coating with precision, ensuring an even and flawless finish on every piece.

QUALITY INSPECTORS

Every single part that comes off the line undergoes a rigorous inspection by our dedicated operatives. They carefully examine each piece for any imperfections, ensuring only flawless products are sent for assembly or packaging.



TAILORED SOLUTIONS FOR EVERY INDUSTRY



At JC Metalworks, we cater to a diverse range of industries and applications. Our expertise extends to:

SCIENTIFIC & MEDICAL

We understand the critical nature of biocompatibility and hygiene in these delicate sectors. We offer a range of biocompatible and antimicrobial coatings specifically formulated to meet the stringent requirements of the scientific and medical fields.

DIGITAL KIOSKS & SIGNAGE

Our durable and aesthetically pleasing powder coating solutions are ideal for high-traffic environments like kiosks and signage. They can withstand daily wear and tear while maintaining their vibrant colours and sleek appearance.

BEYOND THE LISTED

We are not limited to these examples. Our capabilities encompass a wide range of industries, from retail and electrical to automotive parts and power generator



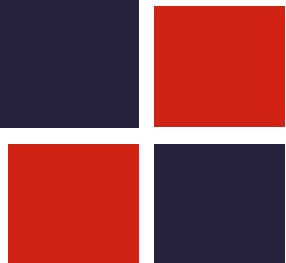


OUR EXTENSIVE RANGE OF TEXTURES AND COLOURS

We offer a spectrum of smooth and glossy finishes, alongside captivating fine textures and metallic options to cater to diverse aesthetic preferences.

Go beyond the ordinary with textures like the classic hammered finish, ripple texture and sand texture, all provide a unique and subtle grainy feel, while the vein texture has the feel of natural wood grain.

Our vast colour palette allows you to choose from a multitude of standard colours or work with us to achieve a custom colour match that perfectly complements your brand. Whether you seek a classic look or a bold statement, JC Metalworks has the perfect combination of texture and colour to elevate your project and bring your unique design to life.





**Contact JC Metalworks today to discuss
your requirements and experience the
difference of working with a trusted metal
fabricator.**

Call us at 01509 233280

**or email us at sales@jcmetalworks.co.uk
and we'll be happy to assist you.**