



Beautiful, consistent colour powered by our **NEW** in-house Powder Coating Plant

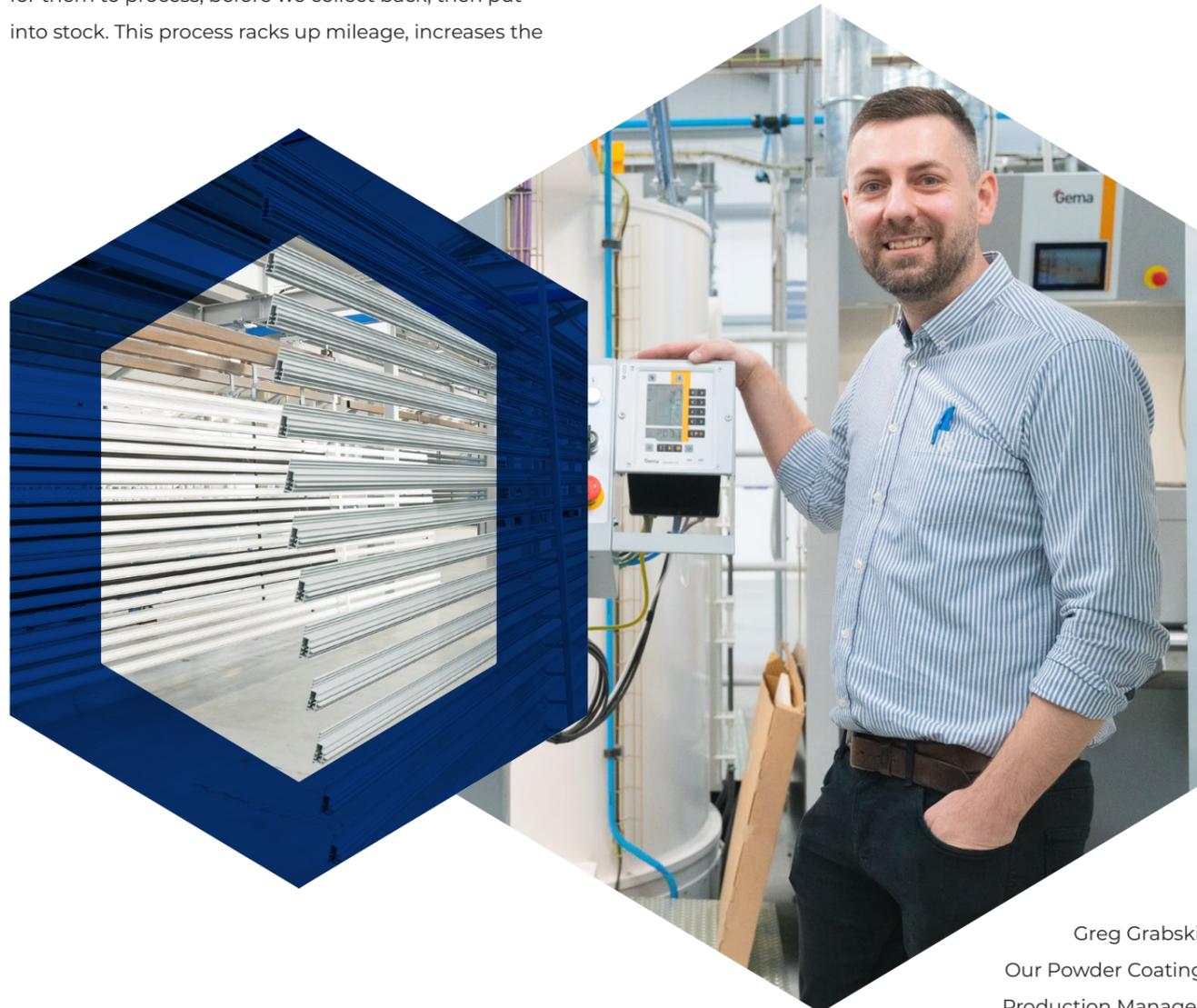
Introducing our own Powder Coating Plant

We have invested over £1 million in a new state-of-the-art powder coating plant at our Firs Works site in Derbyshire. Bringing the most important secondary process that happens to our Sheerline aluminium range after it has been extruded, in-house for the first time.

Previously, we have relied on third party suppliers to powder coat our products. Transporting our mill finished profiles from our warehouse to the powder coaters, for them to process, before we collect back, then put into stock. This process racks up mileage, increases the

products carbon footprint, and unavoidably introduces extra incremental opportunities for damage to occur. Now by installing our own Powder Coating operation we have solved many of these issues.

This further investment in truly vertically integrated UK manufacturing is vital to our ability to offer you, our Sheerline customers the very best service and quality possible.



Greg Grabski:
Our Powder Coating
Production Manager

The benefits of in-house painting

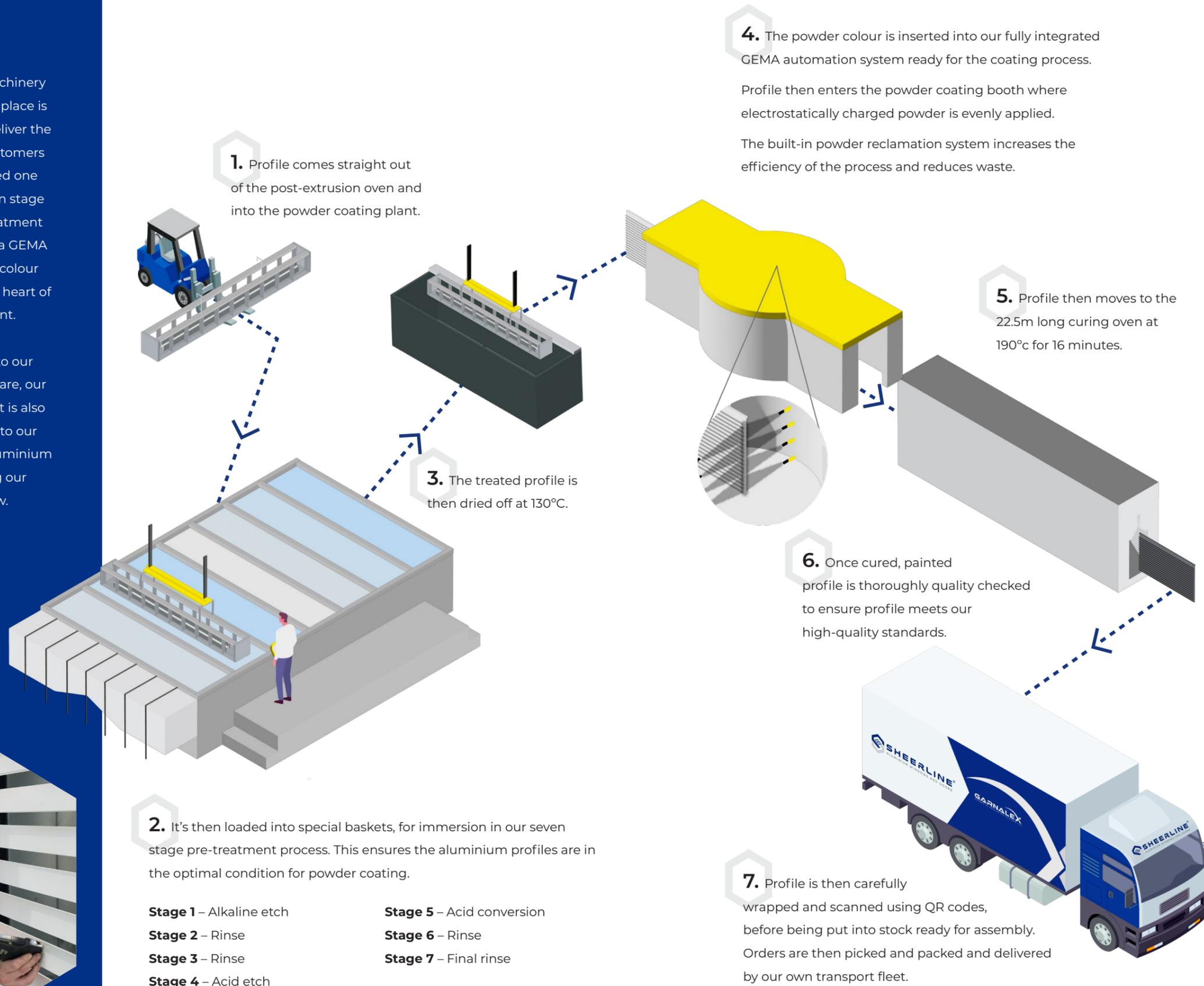
By investing in our own powder coating facility, built in-line with our Hybrex aluminium press we have reduced many common paint quality issues and have built in efficiencies and significantly reduced stock movement. Taking up to 5 weeks out of the process of putting painted profiles into stock.

This added agility will ensure we are able to fulfil orders on time and in full, as well as giving us direct control over quality checks, and the ability to rectify any issues in hours rather than weeks - ensuring Sheerline's powder coating is best-in-class.

The Process

Putting the right machinery and infrastructure in place is key to ensuring we deliver the Sheerline quality customers value. We've installed one of the very best seven stage chrome free pre-treatment systems and chosen a GEMA Magic Cylinder fast colour change system at the heart of our painting plant.

Fully integrated into our own GarnerSys software, our powder coating plant is also physically adjacent to our incredibly efficient aluminium press – optimising our production flow.



2. It's then loaded into special baskets, for immersion in our seven stage pre-treatment process. This ensures the aluminium profiles are in the optimal condition for powder coating.

- Stage 1** – Alkaline etch
- Stage 2** – Rinse
- Stage 3** – Rinse
- Stage 4** – Acid etch
- Stage 5** – Acid conversion
- Stage 6** – Rinse
- Stage 7** – Final rinse

4. The powder colour is inserted into our fully integrated GEMA automation system ready for the coating process.

Profile then enters the powder coating booth where electrostatically charged powder is evenly applied.

The built-in powder reclamation system increases the efficiency of the process and reduces waste.

5. Profile then moves to the 22.5m long curing oven at 190°C for 16 minutes.

6. Once cured, painted profile is thoroughly quality checked to ensure profile meets our high-quality standards.

7. Profile is then carefully wrapped and scanned using QR codes, before being put into stock ready for assembly. Orders are then picked and packed and delivered by our own transport fleet.

100% Control

From Log



To Press



To Powder Plant



To Final Product





Exceptional Quality Standards

Bringing our painting in-house means we can guarantee that the high Sheerline quality standards are adhered to throughout our controlled, in-house processes.



Sustainability

With Sheerline profile now travelling less, we are minimising and reducing its carbon footprint and operating as sustainably as possible.



Reducing Risks

Now all product is manufactured, painted, rolled and securely wrapped on one site, with minimal movement, we are lowering the risk of damage.



Improved Sheerline Service

Our complete onsite facility enables us to offer a more robust delivery promise to our customers.

Sheerline products are available in the following colours



OUR TRADITIONAL COLOURS



THE CHARACTER RANGE OF PREMIUM COLOURS



THE PARGON ANODISED EFFECT RANGE



DISCLAIMER
Due to the variability of manufacturing processes and the differences in the methods used to represent these colours, we cannot guarantee an exact colour match between the actual paint colour and the colour as seen on-screen or when printed. The RAL colour references are also provided as a guide only and we recommend asking to see a physical sample prior to order if required. All colours and finishes are supplied within standard tolerance ranges.



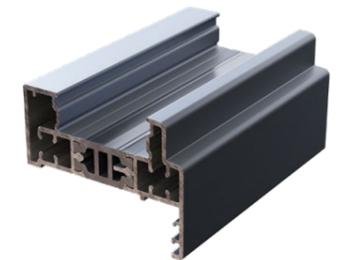
Bespoke Colour Service

Alongside our Traditional, Character and Anodised effect colour ranges, we've also seen growing demand for bespoke colours, driven by homeowners wanting to match everything from the colour of their kitchen cabinets or local stone, to an architect's vision. Luckily for Sheerline customers, our on-site facilities let us turn round bespoke colour jobs in an average of just 15 days!

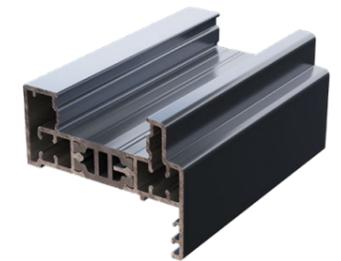
Finish options

When ordering bespoke colours, we can provide any RAL colour in a variety of finish options including matt, satin, or gloss. In addition, we can also offer fine textured and special finish options* on request, which are often popular on architect-lead design projects. Contact us for more information.

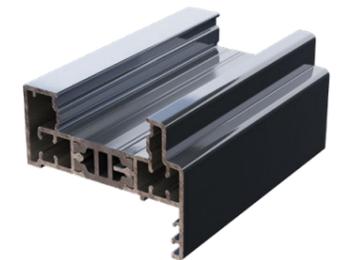
As our bespoke service is so efficient and only adds on average a week to orders, you can easily keep up with colour trends and deliver your customer's vision.



Matt



Satin



Gloss

*Fine texture and special finish options may impact price, lead times and guarantees.

Additional Options

*Available from mid-September



Colour Swatches

Showcasing hundreds of colour options to choose from.



Bespoke Colour Plaques

Available for colour critical applications.

Colour Selector App

To make it quick and easy to explore the hundreds of bespoke colour options available, or if your customer wants to match a specific colour AkzoNobels' quick and easy to use app* puts everything at your fingertips.

Scan the QR code to download and find the perfect colour combination.



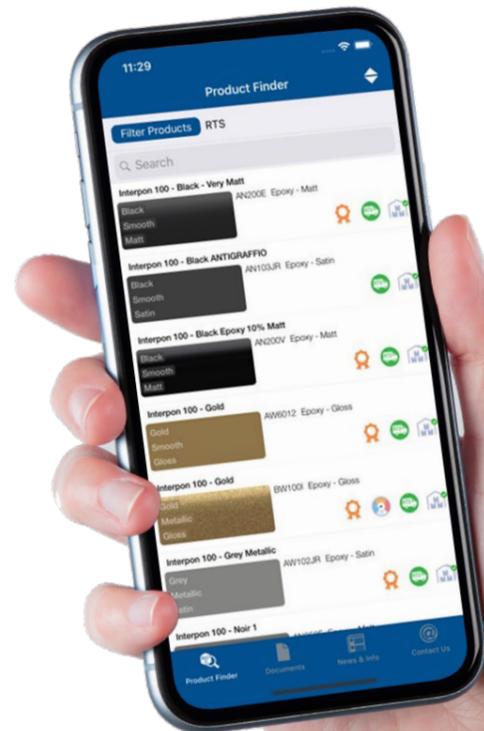
Showroom Colour Boards

Displays the full standard Sheerline colour range.



Spray Cans

Available for touching up marks caused during fabrication or resolving on-site damage.



*Only available for Apple iOS devices



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