

Senior Architectural Systems

Already boasting one of the largest and most technically advanced powder coating facilities in the UK, fenestration systems designer Senior Architectural Systems has recently invested over £200,000 in upgrading its horizontal paint line. Whilst the company's vertical paint line is ideal for larger runs of over 100 aluminium bars, the horizontal paint line is the perfect way to coat smaller orders. Senior chose a state-of-the-art horizontal paint line from Gema, who are widely recognised as world leaders in powder coating technology.

The new paint booth as pictured above has several advantages:

■ *Higher quality finish – the whole paint line is automated and computer controlled, so that just the right amount of paint is delivered to all surfaces, giving a more even coating.*

■ *Faster colour change – the time taken to change colour has been reduced from around 30 minutes to 10 minutes, giving greater flexibility and allowing more orders to be processed in a day.*



■ *Less waste – the new equipment reuses waste powder, which will save 22 tons of waste paint being sent to landfill annually. That's good news for the environment.*

Installation of the new paint line began in late January and just 2 weeks later the booth is fully operational and working perfectly. Six members of staff have already been trained to use the new equipment, ensuring that a fully trained operative is always available to fulfil orders, and deliver a first class customer service.

Managing Director, Mark Wadsworth said "One of Senior's strengths is our ability to provide a complete fenestration service from design and supply of systems, through to powder coating, glass unit manufacture and delivery. This enables us to guarantee cost-effective, highly efficient and time sensitive turnaround, so that deadlines can be met without compromising on quality."

"Our new horizontal paint-line will keep our Denaby paint facility at the cutting edge of

powder coating technology, allowing us to provide a superior product and service, whilst significantly reducing our impact on the environment."

Leon Hogg explained "The new system installed at Senior Architectural benefits from another Gema innovation, the OptiSpray pump. This dense phase pump technology is a game changer when it comes to output consistency and

coating repeatability. Unlike traditional quad-valve dense phase pumps, the OptiSpray benefits from Smart Inline Technology (SIT), with just two valves the powder path is undisrupted, this innovation delivers remarkable powder coating savings, further reductions in plant maintenance and stellar coating quality."

With Gema, you'll achieve high-quality results every time, because with Gema's advanced patent protected technology, you'll control your powder cloud with the right path and the right powder output for the application at hand. Please visit www.applicationpump.com to find our more on our new pump range.

For more information on Gema's powder coating systems and technology please contact Leon Hogg on 07826551240, or email uk.sales@gema.eu.com