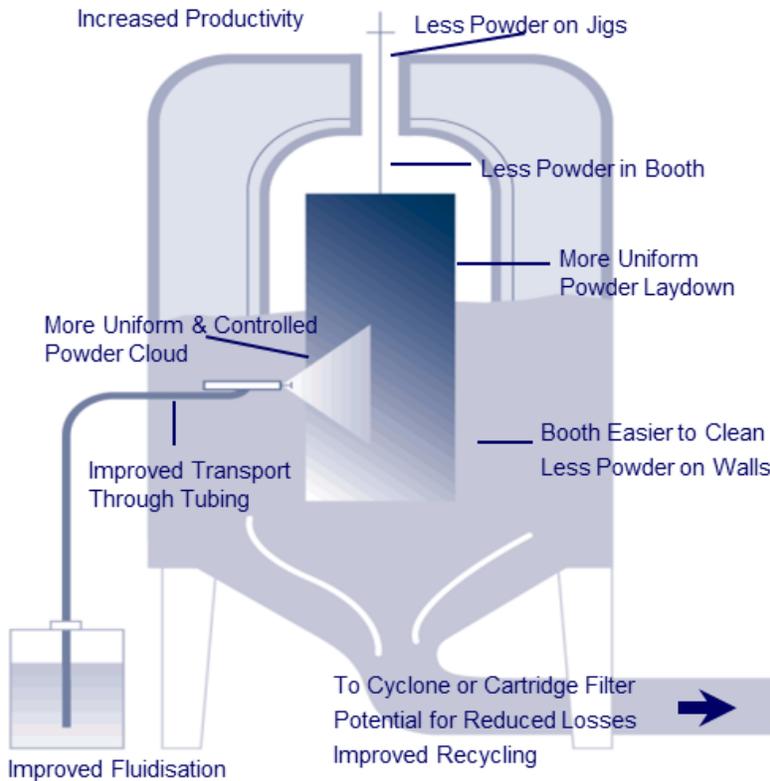


Interpon Extra



Interpon Extra

Interpon Extra is a customer focused program aimed at improving the performance of the powder coating process using **Particle Management Technology (PMT)**. It is a unique service to powder finishers which can deliver one or more of a whole range of benefits including cost reduction and quality improvement. Program package...

- Customer needs audit
- Plant audit
- Product selection
- Benchmarking
- Trials
- After Sales Support

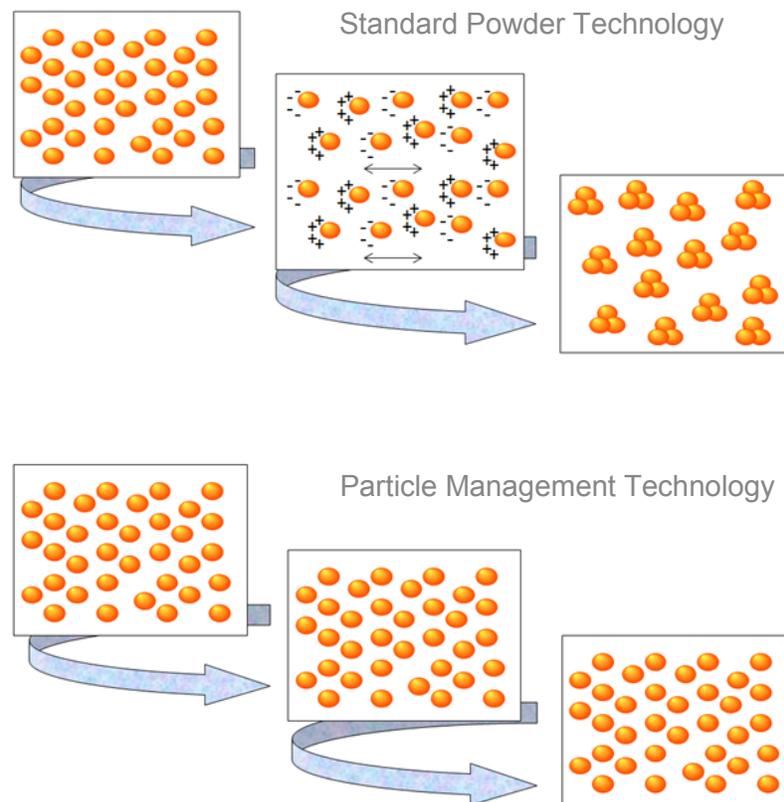
Our patented **Particle Management Technology** delivers application process improvements

Particle Management Technology (PMT) is a patented technology developed in-house by AkzoNobel Powder Coating scientists.

Our patented **PMT** delivers application process improvements to our customers with substantial applied cost and quality benefits.

By influencing the fundamental behavior of charged particles, **PMT** brings about improved control of the powder coating process.

There are no restrictions on chemistry or color.



Interpon Extra

Interpon Extra can solve common coating problems, improve quality and reduce costs.

Productivity enhancements

- Increased line speed
- Lower gun output
- Reduced air and powder throughput
- Less paint build-up on jigs and hangers
- Better fines utilization
- Better transfer efficiency

Quality benefits

- Reduced fat edge
- Less thick areas
- Improved color consistency across a part

Application benefits

- Better and more consistent fluidization
- Improved transportation through tubing & ducting
- More even and controlled spray could from application gun
- More even laydown of particles onto work piece
- Less powder build-up on booth wall or in recovery systems

Recycling/Reclaim

- Improved first time deposition of fines
- Powder in the reclaim system is closer in particle size to the virgin powder
- Reduction in binding of cartridge filters
- Reduced waste by more efficient management of reclaim system

Three broad product classes with **PMT** are available through the **Interpon Extra**. Special manufacturing procedures and patented technology ensure that these powders have equivalent or superior aesthetic and physical/chemical properties to conventional powders, while offering significant cost savings.

Interpon XTR - the ultimate for thin film coatings

A fine grind powder capable of application at thin films down to 30 microns. Without **PMT** such fine powders are difficult to fluidize, will surge and spit when pumped through tubes and the deposition is uneven across the part, leading to uneven color distribution. **Interpon XTR** fluidizes and applies like a conventional powder coating and can consistently achieve 30 micron film thicknesses across large relatively simple shaped parts.

Interpon AF - exceptional fluidity and evenness of charging

Film thicknesses are more akin to those obtained with conventional powder coatings, but the application of **PMT** means that effects like 'window framing' are substantially reduced. This can allow lower applied costs and reduce color variation across parts.

Interpon AC - for those difficult recesses

Designed to apply well to objects presenting the Faraday Cage problem. **Interpon AC** manipulates the product bipolar charge distribution to introduce particles that preferentially deposit in the recessed areas, leading to lower film build on the easy-to-coat areas while obtaining sufficient coating in the Faraday Cage areas.

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Interpon®

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