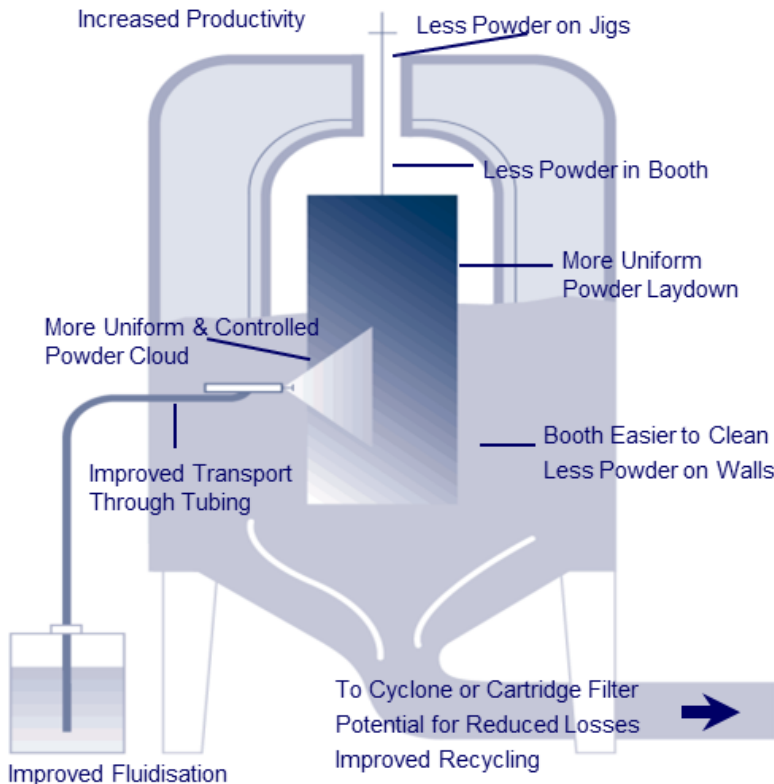


## Interpon Extra



## 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

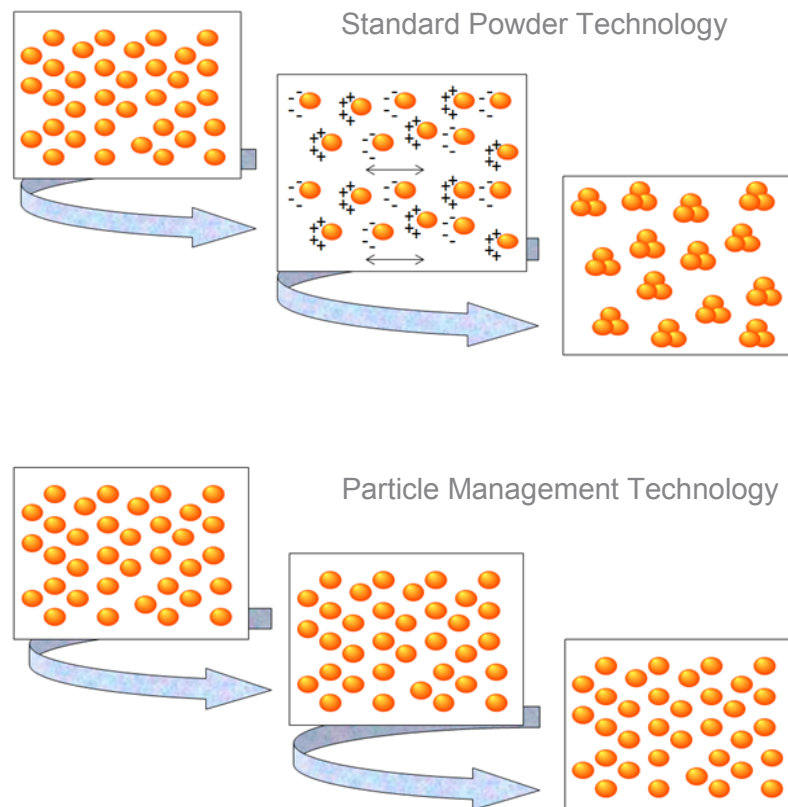
### Our patented **Particle Management Technology** delivers application process improvements

**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.

AkzoNobel Powder Coatings  
150 Columbia Street  
Reading, PA 19601  
Tel: 800-367-3318  
Tel: 610-685-7600

**Interpon**®

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