

Eco+



**Interpon**<sup>®</sup>

POWDER COATINGS

Industrial

# Interpon XTR

The power to go further



Interpon. Your Personal Best.

AkzoNobel

## Interpon XTR

A thinner layer, more even powder coating that doesn't compromise on performance

Powder coaters are constantly looking at ways of improving the efficiency of their operations. They want to reduce cost and waste while becoming more sustainable and do so without ever compromising on the quality of products they deliver.

Interpon XTR is the latest development in a proven line of powder coatings that have all of the advantages of a thin film, but with none of the drawbacks or compromises. AkzoNobel was the first to introduce Particle Management Technology (PMT) and now it has gone further, giving manufacturers the quality they need, but by using less powder to achieve a lower cost per square meter for every surface they coat. Interpon XTR ensures a consistency of color and finish with an evenness of coating and flow.

Interpon XTR is a 'win win': all of the performance of a 'traditional' powder coating, but at less total cost, consuming less material, and putting less strain on your equipment and your business.

## Leading benefits

### Cost advantages

With Interpon XTR you can reduce your costs significantly and cut powder consumption by up to 25% without compromising on finish or performance. As a powder coating, less waste is produced since any overspray can be captured and re-used, further saving on cost.

### Process improvements

An Interpon XTR powder coating puts less strain on your spraying equipment, pumps and linings, reducing service, maintenance and cleaning regimes.

### Quality finish and application

Using Interpon XTR ensures consistent opacity, color and finish and helps surfaces to achieve an evenness of coating, from the middle to the edge. Since it comprises a fine micro powder, it prevents the build-up of 'fine fractions' that can impact powder fluidization during application.

### Sustainability benefits

Reducing the amount of product consumed for each square meter of surface coated, helps further reduce your carbon footprint by as much as 25%, compared to the standard powder coating product.



# Deciding features

## Interpon XTR - the ultimate for thin film coatings

Interpon XTR is a fine grind powder capable of achieving a film thickness as low as 30  $\mu\text{m}$ , thanks to AkzoNobel's Particle Management Technology (PMT). PMT helps the fine powder to more easily fluidize, ensuring an even flow of powder through the tubes to the gun which in turn ensures a more consistent coating thickness and color distribution. Interpon XTR behaves like a 'conventional' powder coating, and is suited to large, relatively simple shaped parts.

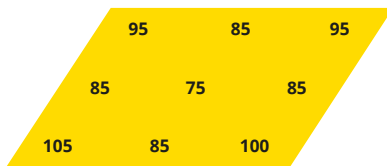


# How a 'standard' powder behaves compared to Interpon XTR

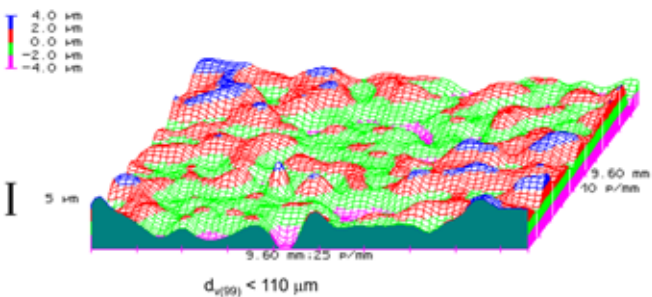
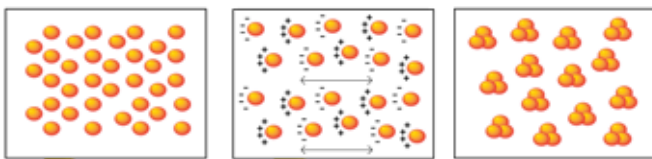
## Standard powder

With a standard powder, particles of various sizes melt at different speeds, either too fast or too slow, and curing begins before an even flow is achieved. This can result in uneven coverage and film thickness, especially at the edge, and an undesirable 'orange peel' effect familiar to all powder coaters.

### Conventional powder\*



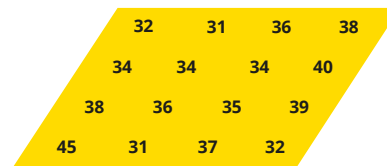
Average 89  $\mu$  | Range  $\pm 15 \mu$



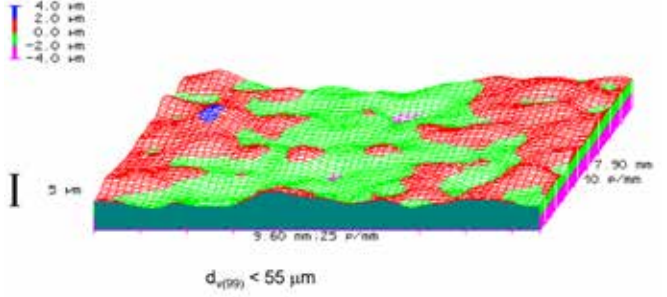
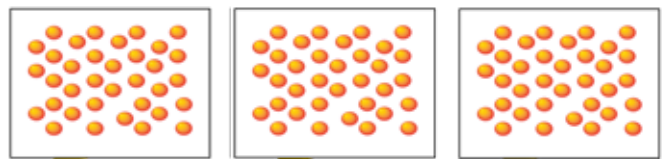
## Interpon XTR

Interpon XTR features substantially more fine particles than a 'standard' powder coating that therefore fluidize more easily and consistently thanks to AkzoNobel's Particle Management Technology. As such, they are attracted to the surface and melt at a more consistent speed, delivering more even thickness and coverage right to the edge (see below illustration).

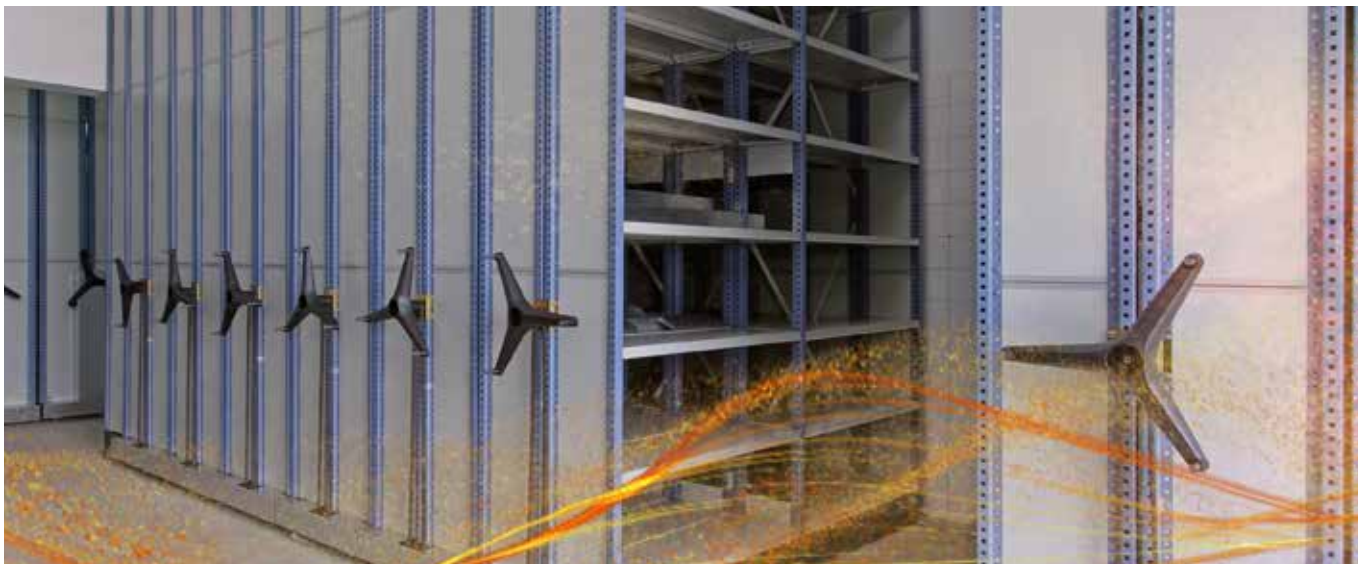
### Interpon XTR\*



Average 36  $\mu$  | Range  $\pm 7 \mu$



\*For illustration only



## AkzoNobel

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For more information please visit [www.akzonobel.com](http://www.akzonobel.com).

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Speak to your local representative or contact us at [interpon.info@akzonobel.com](mailto:interpon.info@akzonobel.com) to learn more about what Interpon XTR can do for you.

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Our **Eco+** products comprise the best performing powder coatings for helping businesses deliver enhanced sustainability through:



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**Increased productivity**



**Reduced energy**

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### Interpon App

Our Interpon App opens the door to all you need to know about Interpon powder coatings

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