



**Interpon**®

POWDER COATINGS

⚙️ Industrial

# Interpon 700

The interior solution

**Interpon.** Your Personal Best.

**AkzoNobel**



## Interpon 700

# The interior solution

If you can't perform, you won't compete. And that's why powder job coaters and OEMs look to Interpon. We're a global leader in quality powder coatings, and not just for exterior products. We've got the interior product sector covered too.

From domestic appliances to interior lighting, Shelving and racking, office furniture to power tools, Interpon 700's solvent-free Epoxy-Polyester (hybrid) system provides color retention in case of over cure, corrosion resistance and excellent flexibility for a range of interior products, so you can show your customers that it's also what's on the inside that counts.

## Leading benefits

### Flexibility throughout





Interpon 700 provides flexibility in more ways than one. We have a range of finishes, gloss levels and special effects to give your customers a solution they might not even have known existed. And with colors and shades that meet color standards like RAL, BS, Pantone and NCS, we have the benchmarks to prove the quality and consistency of our coatings on a global stage.

### Simplified solutions

You want powder coatings that you can apply, without the hassle, and in as little time as possible. That's why the mechanical properties of the Interpon 700 range makes it easy to use on metal and other conductive surfaces, no matter the shape, no matter the size, and without the waste. With our system you use 100% of the paint compared to liquid, not only helping you with your sustainability targets, but also supporting your bottom line.

### The performance you need. Wherever you need it.

As a business we're committed to forming meaningful partnerships, which is why we help you meet any challenge, of any scale, anywhere in the world. Perhaps you're looking for Epoxy-Polyester with advanced cavity for improved penetration or with moisture resistance pigments? Perhaps you need an extra thin coating or one with anti-microbial properties? Whatever your need, Interpon 700 has the range of performance characteristics you demand from your powder coatings partner.

Interpon Series	Series description
Interpon 700 AC	Epoxy-Polyester with Advanced Cavity (improved penetration characteristics)
Interpon 700 AF	Epoxy-Polyester with Advanced Fluidity (improved application characteristics)
Interpon 700 AM	Epoxy-Polyester with Anti-Microbial properties
Interpon 700 MR	Epoxy-Polyester with Moisture Resistance pigments
Interpon 700 Low-E*    	Epoxy-Polyester with lower energy consumption
Interpon 700 XTR	Epoxy-Polyester that utilize particle management technology (Extra thin film paint)
Interpon 700 CD	Epoxy-Polyester with Conductive Dissipative characteristics

\* Interpon 700 Low-E (low energy) powder coating reduces curing temperatures, and in doing so cuts energy consumption by up to 20%. Alternatively, it can improve your coating line productivity, curing up to 25% faster compared to a 'standard' powder coating.



## Technical specification

This system combines outstanding mechanical properties from the Epoxy resin with overbake resistance from the polyester component. Epoxy-polyester hybrid powder coatings produce thin, smooth films with good flexibility and corrosion resistance. Compared to pure epoxies, Epoxy-Polyester hybrid powder coatings are more resistant to yellowing from overbake or UV-light exposures.

### Approvals and external testing

To find out more about our rigorous approvals process and the assurances we can provide to you and your business, speak to your Interpon sales representative.

### Typical performance characteristics

	Norm / Test method	Result
Impact	ISO 6272	> 25kg-cm
Flexibility	ISO 6860	Pass 3 mm
Hardness	ISO 1518	Pass, 2000 gr
Salt Spray	ISO 9227	<2 mm creep, no blisters, 250 hours
Humidity	ISO 6270	No change at 1-000 hours
Adhesion	ISO 2409	0

### Approvals and external testing

Details	
UL 1332	Interpon 700 is UL1332 "Coating, Organic, for Steel Enclosure-use Electrical Equipment – Component" recognized to UL Designation U1578-1 for pretreated steel surfaces. Check all details with your Interpon sales representative.
Rina	Interpon 700 has been tested for RINA MED (B, D) – "Surfaces materials and floor coverings with low flame-spread characteristics – paint systems".
EN45545-2	Interpon 700 has been designed to meet EN45545-2 "Fire test to railway component – EU Standard".
EN13501-1	Interpon 700 has been designed to meet "EN 13501-1: Fire Test to Building Material - Classification". Classification: A2 – s1, d0



Speak to your local representative to learn more about what Interpon 700 can do for you.



## AkzoNobel

Since 1792, we've been supplying the innovative paints and coatings that help to color people's lives and protect what matters most. Our world class portfolio of brands – including International, Sikkens and Interpon – is trusted by customers around the globe. We're active in more than 150 countries and use our expertise to sustain and enhance the fabric of everyday life. Because we believe every surface is an opportunity. It's what you'd expect from a pioneering and long-established paints company that's dedicated to providing sustainable solutions and preserving the best of what we have today – while creating an even better tomorrow. Let's paint the future together.

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

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# Interpon®

Speak to your local representative or contact

[interpon.info@akzonobel.com](mailto:interpon.info@akzonobel.com) to learn more about **Interpon 700**.

### Eco+

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



Reduce, reuse, renew



Less waste



Reduced carbon



Longer lasting performance



Increased productivity



Reduced energy

[interpon.com/sustainability](http://interpon.com/sustainability)



### Interpon App

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

**Industrial**

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