



**Interpon**<sup>®</sup>

POWDER COATINGS

⚙️ Industrial

**Interpon 810**  
The excellent  
exterior solution

**Interpon.** Your Personal Best.

**AkzoNobel**



## Interpon 810

# The excellent exterior solution

Your business relies on delivering the highest quality service 100% of the time, and for that you need to be working with the right products and the right people. Interpon powder coatings deliver unrivalled quality, availability, and range that enables powder job coaters to continually outperform.

We know that what's on the outside counts, which is why we created our Interpon 810 range, delivering super durable protection for exterior environments. Ideal for ACE (Agricultural and Construction equipment), railway components, IT equipment, stadium seating, marine applications, outdoor furniture, playground equipment, lawn and garden equipment, sports/recreational vehicles, and general metal finishing, the range delivers a superb performance for products exposed to extremes of UV light, high temperatures and moisture.

## Leading benefits

### Protection against all eventualities

Tested against the most extreme weathering specifications, the Interpon 810 range delivers a super durable performance to protect exterior products, keeping them fully functional well into the future. Excellent corrosion resistance in moderate to severe environmental conditions means that the color and gloss of your products are always retained.

### Multi-functionality

Whether you need anti-microbial properties to reduce the build-up of bacteria and mold, or lower curing temperatures for reduced energy consumption, Interpon performs at multiple levels, to satisfy multiple needs.

### Total performance

Interpon 810 is available in a wide range of colors and finishes, from gloss to satin, matt to deep matt as well as effects that come in clear coats to special effects. We also ensure that our range meets the appropriate color standards such as RAL, BS, Pantone and NCS.

### Unbeatable colors

Interpon 810 can be easily applied to almost any shape of the coated object and allows you to utilize up to 100% of the paint in the box. The range also possesses outstanding overcuring resistance and edge coverage for a tough, durable finish.

Interpon Series	Series description
Interpon 810	Advanced exterior durable Polyester TGIC free
Interpon 810 AC	Advanced exterior durable Polyester TGIC free with Advanced Cavity (improved penetration characteristics)
Interpon 810 AF	Advanced exterior durable Polyester TGIC free with Advanced Fluidity (improved application characteristics)
Interpon 810 AM	Advanced exterior durable Polyester TGIC free with Anti-Microbial properties
Interpon 810 Low-E	Advanced exterior durable Polyester TGIC free with Low Energy curing
Interpon 810 LG	Advanced exterior durable Polyester TGIC free with Low Gloss (<10 units)

## Technical specification

The Interpon 810 super-durable product series have been tested against the most severe and challenging conditions and specifications, and provide significantly improved gloss and color retention, and excellent corrosion resistance in moderate to severe environmental.



### Typical performance characteristics

	Norm / Test method	Result
<b>Impact</b>	ISO 6272	Pass 2,5 Joules reverse and direct (20 in lb)
<b>Hardness</b>	ISO 1518 2000g	Pass - no penetration to substrate
<b>Salt Spray</b>	ISO 9227 500 hours	Pass - no corrosion creep more than 3 mm from scribe
<b>Humidity</b>	ISO 6270 1000 hours	Pass - no blistering or loss of gloss
<b>Adhesion</b>	ISO 2409 2mm crosshatch	0
<b>Exterior Durability</b>	Suitable for outdoor use	

The results shown based on mechanical and chemical tests on steel substrate which have been carried out under laboratory conditions and are given for guidance only. Actual product performance will depend upon the circumstances under which the product is used.

### Approvals

	Region	Details
<b>Deutsche Bahn</b>	Europe	Product qualification according to Deutsche Bahn (Corrosion resistance according DIN EN ISO 9227, fire protection according to DIN EN 45545-2, accelerated weathering according DIN EN ISO 16774-2) for product serie Interpon 810 DB.





## AkzoNobel

We've been pioneering a world of possibilities to bring surfaces to life for well over 200 years. As experts in making coatings, there's a good chance you're only ever a few meters away from one of our products. Our world class portfolio of brands – including Dulux, International, Sikkens and Interpon – is trusted by customers around the globe. We're active in more than 150 countries and have set our sights on becoming the global industry leader. It's what you'd expect from the most sustainable paints company, which has been inventing the future for more than two centuries.

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

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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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