

**Interpon**<sup>®</sup>

POWDER COATINGS

⚙️ Industrial

**Interpon 610**  
The exterior solution

**Interpon.** Your Personal Best.

**AkzoNobel**



# Interpon 610

## The exterior solution

You want your products to look great, but you also need them to perform. Interpon offers just that, with unparalleled protection, features and quality. It's what makes Interpon a global leader in powder coatings.

Interpon 610 is a range of polyester TGIC Free powder coatings designed for exterior exposure with good weather resistance from just one application. The coatings sustain a longer lifespan and are available in a wide range of colors and finishes which allow your product to shine. The Interpon 610 offers not only beautiful aesthetics but also a performance to match. It is ideally suited to a broad range of outdoor applications including outdoor furniture, playground equipment, signs, fencing, vending machines and general metal finishing. Can also be used for indoor application if required.

### Leading benefits

#### Flexibility throughout

The Interpon 610 range provides total flexibility to satisfy every need. It includes a range of finishes including smooth, fine and coarse textures to suit any application, as well as gloss levels from deep matt to high gloss. And with color and shades including metallics that meet the appropriate standards such as RAL, Pantone and NCS. Interpon 610 can deliver the quality, consistency and assurance your project demands.

#### Peak performance

We know how valuable relationships are to your business; you want to do the best for your customers. That's where we come in. Our powder coatings address a range of different issues, from anti-microbial to moisture resistant qualities, as well as high reflectivity properties. Whatever the brief, the Interpon 610 can meet any challenge at any scale.

#### Simple solutions

Powder coatings need to be applied hassle free and quickly. The Interpon 610 helps you do just that. No matter how challenging the shape, the range is easy to apply to metal and other conductive surfaces. And you can use up to 100% of the powder product compared to liquid paint. The Interpon 610 series offers excellent edge coverage and forms a tough, thick film, to provide the best protection in challenging environments.

Interpon Series	Series description
<b>Interpon 610</b>	Exterior durable Polyester TGIC-free
<b>Interpon 610 AC</b>	Exterior durable Polyester TGIC-free with Advanced Cavity (improved penetration characteristics)
<b>Interpon 610 AF</b>	Exterior durable Polyester TGIC-free with Advanced Fluidity (improved application characteristics)
<b>Interpon 610 AM</b>	Exterior durable Polyester TGIC-free with Anti-Microbial properties
<b>Interpon 610 MR</b>	Exterior durable Polyester TGIC-free with Moisture Resistance pigments
<b>Interpon 610 Reflex</b>	Exterior durable Polyester TGIC-free with high reflectivity properties
<b>Interpon 610 Low-E</b>	Exterior durable Polyester TGIC-free with Low Energy curing

## Technical specification

Our system has outstanding mechanical properties. Our TGIC Free polyester creates excellent color retention on surfaces exposed to continuous heat, and can be used for electrostatic spraying, for interior or exterior use. Our powder coating has good resistance to most dilute solutions of acids, alkalis and oils, as well as excellent resistance to overbake.



### Typical performance characteristics

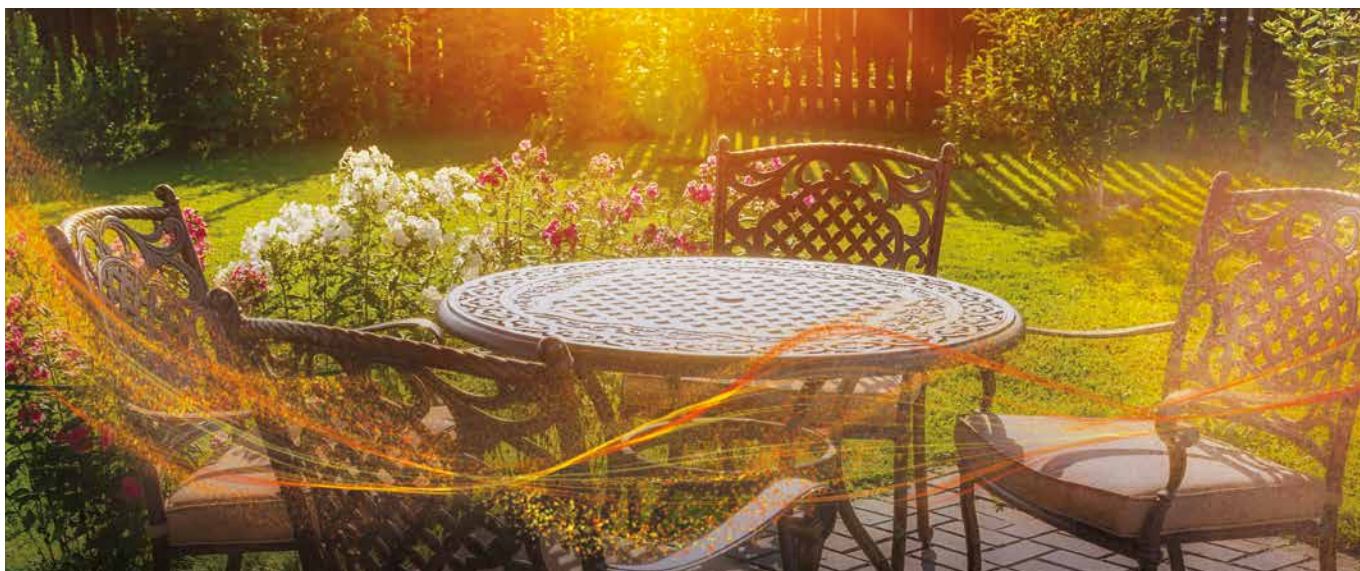
	Norm / Test method	Result
<b>Impact</b>	ISO 6272	Pass 2,5 Joules reverse and direct (20 in lb)
<b>Flexibility</b>	ISO 1519 Cylinder Mandrel	Pass 3 mm
<b>Hardness</b>	ISO 1518 2000g	Pass - no penetration to substrate
<b>Salt Spray</b>	ISO 9227 500 hours	Pass - no corrosion creep more than 3 mm from scribe
<b>Cyclic 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 are based on mechanical and chemical tests on steel substrates, 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

Details	
<b>UL 1332</b>	Interpon 610 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.
<b>Rina</b>	Interpon 610 have been tested for RINA MED (B, D) – "Surfaces materials and floor coverings with low flame-spread characteristics – paint systems".
<b>EN45545-2</b>	Interpon 610 is designed to meet the requirements of "Fire test to railway component – EU Standard".
<b>BS6853</b>	Interpon 610 is designed to meet the requirements of "Code of practice for fire precautions in the design and construction of passenger carrying train".
<b>EN13501-1</b>	Interpon 610 is designed to meet the requirements of "EN 13501-1: Fire Test to Building Material - Classification". Classification: A2 – s1, d0





## 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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Contact your sales representative to learn more about **Interpon 610**



### Interpon App

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

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