



Interpon[®]

POWDER COATINGS

⊕ Automotive

Interpon ACE
Heavy duty
performance

We're driving the current
to power your future

AkzoNobel



Interpon ACE Heavy duty performance

Agricultural and Construction Equipment (ACE) vehicles and their various parts help create the realities of tomorrow; from the food we harvest to the buildings in which we live. They need to perform. They need the market's best products to provide them with the ultimate in protection, functionality and finish. Interpon powder coatings deliver the optimum performance in any conditions and any environment. They can be applied without fuss and with total efficiency. And they come from a brand whose reputation has been built upon putting people and businesses first for more than half a century.

From construction to agriculture, forestry to mining, to material handling, our powder coatings are designed for the very particular demands of the ACE market. With superior corrosion and weathering protection, as well as an array of high-quality finishes, Interpon's ACE range is the product of choice for vehicles often pushed to the limit of their endurance.

Whether you're looking to move away from liquid coatings and realize the benefits of powder or access the specific advantages Interpon's ACE range can provide, start a new conversation today and see how our products can support agricultural, construction and material handling machines and equipment, and your business.

Leading benefits

Putting sustainability first

At Interpon, we're driving towards a greener, more sustainable future. Not only does our ACE powder coatings range produce no hazardous waste, including Lead, Chrome VI, Arsenic, Cadmium and Mercury, but it also allows you to benefit from high quality finishes free from Volatile Organic Compounds (VOCs). Our low cure portfolio in particular helps reduce energy consumption when used at lower temperatures or improve productivity with faster line speed.

Solutions to meet any challenge

For every requirement, Interpon has the solution you need. This means catering for any vehicle type, whether a tractor or digger, forklift or bulldozer. It means matching products up to your specific durability and corrosion-resistance needs. And it means meeting the specific requirements of OEMs with bespoke products or colors, matched to your particular need.

Flexibility throughout

Choose from a wide range of chemistries to meet any challenge, from standard or high durability polyester topcoats and dry-on-dry technology, through to hybrid and pure epoxy primers. The full polyester portfolio is available with or without TGIC.

Science made simple

The world of ACE machinery and equipment is complex. But we can provide the simple solutions you need to allow products to thrive. When it comes to corrosion, ACE primers work in combination with standard substrate pre-treatment and any Interpon ACE topcoat. When tackling chemicals, the full product range is designed to resist attack from common chemical agents such as unleaded gasoline, diesel fuel, lubricant oil, hydraulic fluids, alkali and acid solutions. And to meet mechanical requirements, all have the hardness, adhesion, flexibility and impact resistance they need.

The perfect partner

Whatever your business goals, Interpon is the perfect partner. Our global footprint allows you to access the highest quality products, wherever you are in the world; to benefit from cutting edge, innovative products produced at our state-of-the-art R&D centres; and work closely with our local teams, who can provide the personal touch your business needs.

Comprehensive product range

ACE 500 series: standard durable polyester topcoat

For standard durability projects where cost competitiveness is key comes the Interpon ACE 500 range, available with or without TGIC. Interpon ACE 500 can be matched in your special company color and delivers consistently high protective qualities, UV stability and mechanical performance.

ACE 1000 series: high durable polyester topcoat

Designed for exterior components, the Interpon ACE 1000 range meets all of your functional and decorative needs. Outstanding resistance to chemicals, corrosion and everyday wear and tear is complemented by superior color retention in a high-gloss, satin or matt finish, to not only keep your vehicle functioning at the highest level, but also looking good all year round. They're available with or without TGIC.

ACE 2000 series: super durable polyester topcoat

The Interpon ACE 2000 range is available with or without TGIC and offers super durability, excellent UV and weather resistance, and protection against corrosion to provide a higher resell value for second-hand vehicle market. Available in matt, satin and high gloss finishes, the range is tested against the most extreme conditions to ensure your heavy equipment is always performing, no matter what the challenge.

ACE 600 HT

Interpon ACE 600 HT is a series of silicone-based powder coatings developed to protect the appearance and integrity of components used in ACE applications. This includes exhaust manifolds and mufflers that have to withstand extreme high heat temperatures of up to 600°C (1,112°F) over blasted carbon steel and 510°C (950°F) over aluminized steel. Interpon ACE 600 HT is a viable alternative to established liquid coating technologies in even the most demanding of applications where resistance to extreme heat is required.

ACE primers

Interpon's easy-to-apply ACE primers have been tested to the highest specification to protect heavy duty vehicles and equipment from salt spray and chemical corrosion. When combined with a topcoat, the system provides excellent weatherability, durability and edge coverage, as well as being resistant to humidity and impact damage.

In addition, we have standard primer solutions within our Interpon Redox system. These include: Interpon Redox Active, a robust primer system with excellent edge protection and a wide curing window; Interpon Redox Plus, which provides durable protection for a wide variety of substrates and pre-treatment methods; and Interpon Redox PZ, the best performing powder primer for corrosion protection over blasted steel. The Redox system also comprises Interpon Redox One Coat which delivers good levels of corrosion protection and UV durability in a single application, and Redox Triplex, a three-layer system which is ideal for highly aggressive environments with high humidity or salinity.

High edge coverage technology

Our Interpon ACE range is available with our innovative High Edge Coverage technology that is specially engineered to protect products with sharp edges against corrosion. Special additives within the powder increase viscosity without impeding powder flow, enabling it to adhere to the substrate in a uniform layer, delivering consistent protection right to the very edge.

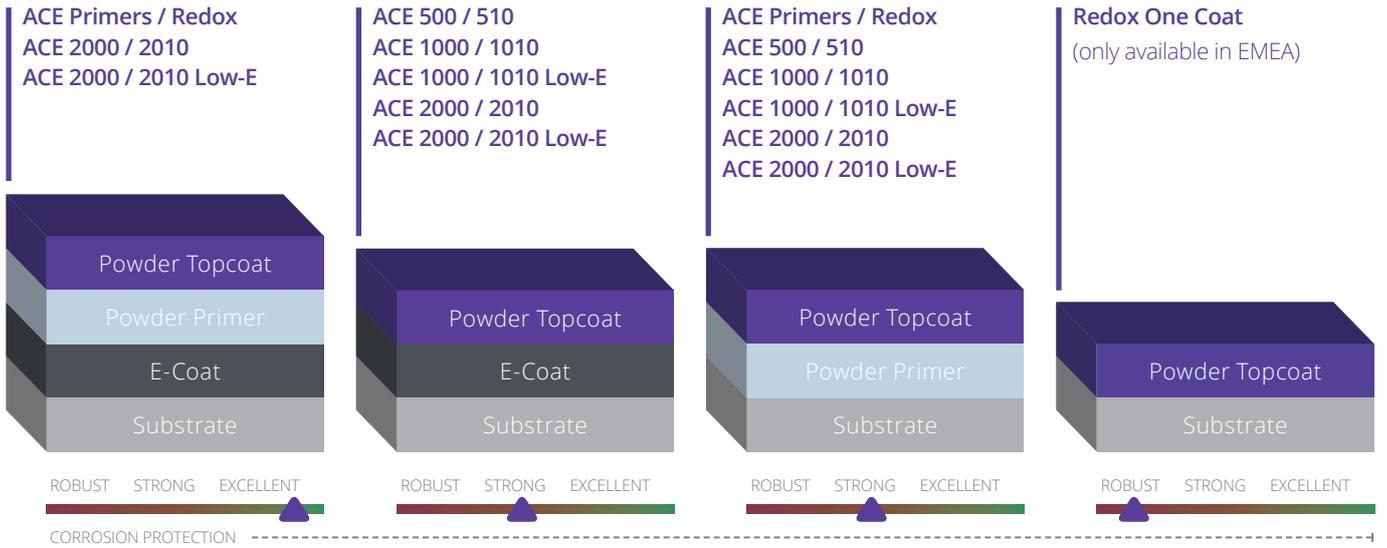
Low cure technology

Interpon ACE topcoat features low cure technology, specially engineered to provide multiple benefits. It can cure at a lower temperature, helping businesses achieve significant energy savings—particularly when coating larger, heavier parts that are more energy-intensive. Alternatively, it can cure faster, therefore accelerating powder coating line speeds and increasing production volumes. With various levels of durability, it maintains the appearance and performance of machinery and equipment, protecting them for longer, no matter how challenging the conditions.

Deciding features

Features	Benefits for the customer
Superior corrosion and weathering protection	Coating integrity remains uncompromised even in the most severe conditions
	High edge coverage
	Less recalls from the market
	High resale value for second-hand sales
High performance portfolio	Higher gloss and color retention
	High scratch resistance
Additional properties available, such as Low-E	Energy saving
	Increasing line efficiency
	Lower costs per unit
Heat resistant	Able to withstand high temperature up to 600°C
Robust and durable	Reduced costs as less re-works are needed
Superb color range	Ensuring the perfect solution for every need. Approved OEM color match
OEM approvals	Confirming the performance and track record of our products

Paint systems - our offer



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 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.

© 2024 Akzo Nobel N.V. All rights reserved.

All products supplied & technical advice given are subject to the standard terms of sale of the AkzoNobel supplying company. Copyright ©2024 Akzo Nobel Powder Coatings Ltd. Interpon is a registered trademark of AkzoNobel.

Issue 3 - 12/2024

Follow us

Powder Coatings by AkzoNobel



interpon.com

Interpon®

Technical specifications

With different layering systems required to meet the corrosion resistance demands of ACE vehicles, Interpon has the product range to meet all needs. And with the potential to benefits from other characteristics such as higher UV durability or lower curing temperatures, the Interpon ACE range provides the bespoke solutions you need to maximize vehicle performance.



Speak to your local representative or contact interpon.info@akzonobel.com to learn more about Interpon ACE.



Interpon App

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

Automotive

We're driving the current
to power your future