

AXALTA COATING SYSTEMS

Coating, Conserving and Protecting

Agriculture, Construction & Earthmoving (ACE) Equipment




AXALTA industrial

ACE Total Coating Solutions

Heavy Equipment - Light Equipment - Implements - Material Handling - Mining Equipment

With over 150 years experience, Axalta Industrial is a leading global coating solutions provider focused on the development, manufacture and sale of high performance liquid coatings, powder coatings, and electrocoat primers for the Agriculture, Construction, and Earthmoving (ACE) industries.

Our innovative products and services include paint (electrocoat, liquid and powder), color matching tools, application technologies, customer training and business management systems.

We are INDUSTRY EXPERTS, offering a GLOBAL REACH with our SUSTAINABLE COATING SYSTEMS.

AXALTA BENEFITS

- Global Supply
- System Design Expertise
- Process Design Expertise
- Broad Technology Approvals
- Sustainable Products



ACE COATING APPLICATIONS

Axalta offers a wide variety of industrial liquid, electrocoat and powder coating solutions that serve a wide array of industrial segments including those for agricultural, construction and earth moving equipment, as well as automotive components. Our products are featured on heavy equipment such as combines, tractors and bulldozers; light equipment such as applicators / sprayers; implements such as balers and rakes; material handling equipment like forklifts and cranes; and mining equipment consisting of digging/ boring machines and excavators.

ACE COATING BENEFITS

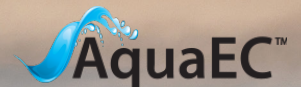
- Reduce material waste
- Eliminate process steps
- Reduce energy consumption
- Optimize productivity
- Increase quality
- Sustainable options

| E-COAT | HEAVY EQUIPMENT | LIGHT EQUIPMENT | IMPLEMENTS | MATERIAL HANDLING | MINING EQUIPMENT |
|----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Americas/ APAC | AquaEC™ 6100 / 2600 | AquaEC™ 6100 / 2600 | AquaEC™ 6100 / 2600 | AquaEC™6100 / 2600 | AquaEC™ 6100 / 2600 |
| EMEA/ APAC | AquaEC™ 3500EP / 3000 / 5100 | AquaEC™ 3500EP / 3000 / 5100 | AquaEC™ 3500EP / 3000 / 5100 | AquaEC™ 3500EP / 3000 / 5100 | AquaEC™ 3500EP / 3000 / 5100 |

| LIQUID COATING | HEAVY EQUIPMENT | LIGHT EQUIPMENT | IMPLEMENTS | MATERIAL HANDLING | MINING EQUIPMENT |
|----------------|-------------------------------|--------------------------------|----------------------|---------------------|-------------------------------|
| Americas | Imron® Ultra / Corlar® 3.0 PR | Tufcote™ Plus / Tufcote 3.0 PR | Strenex™ / Tufcote™ | Strenex™ / Tufcote™ | Imron® Ultra / Corlar® 3.0 PR |
| EMEA | Percotop® | Percotop® | Percotop® | Percotop® | Percotop® |
| APAC | Imron®/Corlar® | Corlar® | Percotop® / Strenex™ | Percotop® | Percotop® |

| POWDER | HEAVY EQUIPMENT | LIGHT EQUIPMENT | IMPLEMENTS | MATERIAL HANDLING | MINING EQUIPMENT |
|----------|---------------------------------|-----------------|------------|-------------------|---------------------------------|
| Americas | Alesta® SD / ZeroZinc / ZN Rich | Alesta® | Alesta® | Alesta® | Alesta® SD / ZeroZinc / ZN Rich |
| EMEA | Alesta® SD / ZeroZinc | Alesta® | Alesta® | Alesta® | Alesta® SD / ZeroZinc |
| APAC | Alesta® SD / ZeroZinc / ZN Rich | Alesta® | Alesta® | Alesta® | Alesta® SD / ZeroZinc / ZN Rich |

| THERMOPLASTIC | HEAVY EQUIPMENT | LIGHT EQUIPMENT | IMPLEMENTS | MATERIAL HANDLING | MINING EQUIPMENT |
|---------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Global | Plascoat® PPA 571, Abcite® | Plascoat® PPA 571, Abcite® | Plascoat® PPA 571, Abcite® | Plascoat® PPA 571, Abcite® | Plascoat® PPA 571, Abcite® |





Electrocoat Primers

Axalta Coating Systems is one of the largest electrocoat producers in the world, supplying AquaEC™ E-Coat products to most major light vehicle OEM's and to a wide range of general industrial customers including ACE Components. We offer a portfolio of qualified electrocoat products formulated to meet unique customer needs with a complete range of the latest generation technologies and a team of technical experts to provide service and support.

Axalta's electrocoats are high-performance products that are formulated to provide reliable mechanical strength, and superior corrosion protection. They are all water-based and help to support environmental goals. In addition, they are also formulated to ensure superior

performance over a variety of substrates including hot rolled steel, cold rolled steel, galvanized steel, aluminum and magnesium. We offer a variety of AquaEC™ formulations including lead-free and tin-free products, low VOC and HAPS-free systems, as well as formulations with special benefits such as improved edge protection, low temperature bake capability, improved throw power and weather durability.

AquaEC™ Electrocoat uses patented epoxy-isocyanate based technology to provide a superior corrosion resistant coating.



AXALTA AQUAEC™ BENEFITS

- Excellent Throw Power
- Superior Corrosion Resistance
- Edge Protection
- Environmentally Responsible



| | AquaEC™ 2600EP | AquaEC™ 3000 | AquaEC™ 3500EP | AquaEC™ 5100 | AquaEC™ 6100 |
|----------------------------------|----------------------------|---------------------------|----------------------|-----------------|----------------------------|
| Sustainability | | Sn-free | Sn-free | | Sn-free |
| Chemistry | Aromatic Epoxy 1K or 2K | Aromatic Epoxy 2K | Aromatic Epoxy 2K | Acrylic 2K | Aromatic Epoxy 1K or 2K |
| Film Thickness/Microns µm | 20-30 | 10-35 | 20 ->35 | 20-60 | 15-30 |
| Min Cure Temp | 160 °C | 150 °C | 150 °C | 150 °C | 150-160 °C |
| Throw Power | Low | Standard | High | Standard | High |
| Color | Black | Black & Gray | Black & Gray | Multiple | Black & Gray |
| Edge Corrosion | Low | Standard | High | Standard | Standard |
| Region | Americas / APAC | Americas / EMEA / APAC | EMEA / APAC | EMEA / APAC | EMEA / APAC |

Recent additions to our E-Coat Portfolio

AquaEC™ 3500EP

The highest edge coverage, tin-free product available for use on frames and cast substrates, offering improved edge corrosion protection and enhanced productivity.

Customers benefit from a highly efficient system due to a low dry film density. The product does not contain organic tin compounds and is compliant with REACH regulations.

AquaEC™ 6100

A versatile product for use in ACE Components with a broad range of film build capability and broad bake window. Developed to meet all epoxy electrocoat specifications and environmental needs.

Available in various colors and as a conductive primer in a two-coat E-Coat system. It is available in both single or two component paint feeds

Your one stop supplier for powder coatings

We provide tough, durable and attractive finishes with superior coverage and efficiency that today's manufacturers of agricultural and construction equipment demand for high-performance, easy-to-use powder coatings that add value to agricultural and construction manufacturing operations.

Alesta® powder coatings deliver superior coverage and transfer efficiency so you can get more done in less time, however, higher yields are just the beginning. Available in a variety of technologies for a broad range of applications, Alesta® powder coatings are easy-to-use and backed by the technical support of Axalta specialists.

Our team is dedicated to helping you find new ways to improve productivity and to reduce overall costs, all while delivering superior quality products.

ACE POWDER COATING BENEFITS

- Improve Scratch and Mar Resistance
- No VOC's
- Reclaim Powder Coating for Reuse
- No Hazardous Waste Disposal Issues

Alesta®

HIGHLIGHTS

- Available in **SMOOTH, HIGH GLOSS, SEMI-GLOSS, MATTE, FINE TEXTURED,** or **METALLIC** finishes.
- Solutions for **CORROSION PROTECTION.**
- Single layer or two coat systems provide enhanced protection. **Alesta® ZeroZinc** primer for optimum edge protection.
- Wide range of **RAL** colors available with many constructors colors already developed.
- Alesta® meets high profile specifications including Volvo, Manitou, Caterpillar, CNH, and many more.
- Polyester and Super Durable powders are TGIC free (EMEA) with virtually **no VOCs**, **no hazardous waste**, and up to **98% production utilization.**

Sustainable Options =
Environmentally Responsible Choice

Axalta.com/ace



| | Alesta® | Alesta® | Alesta® SD | ZeroZinc | Zinc Rich | Plascoat® |
|-----------------------|-------------|------------------------------|------------------------------|------------|-----------------|-------------------|
| Layering | Primer | Topcoat | Topcoat | Primer | Primer | Topcoat |
| Chemistry | Epoxy | Polyester | Polyester | Epoxy | Epoxy | Polyolefin |
| Film Thickness µm | 50-75 | 50-75 | 50-75 | 60-75 | 50-65 | 200-300 |
| Weather Resistance | NA | Std Exterior | Extended Exterior | NA | NA | Extended Exterior |
| Cure Temp min/C | 10/175 | 10/175-200 | 10/175-200 | 10/150-175 | 10/200 | 200 melt/flow |
| Color Availability | Grey, Black | Popular OEM colors available | Popular OEM colors available | Grey | Grey | 15 Stock |
| SST (Layering System) | Better | Good | Good | Better | Best | Best |
| Region | Global | Global | Global | Global | Americas / APAC | Global |



Alesta®SD

Alesta®SD is part of our premium range, which is formulated in high performing polyester quality, designed to surpass the most severe specifications. All products have an assured quality specified by leading OEM's in the industry, ensuring the highest level of protection.



For a full list of products please contact your AXALTA Representative.

Alesta® ZeroZinc Primer

After decades of research and development, the Alesta® ZeroZinc range of products is expanding to provide the best solution for every substrate to be coated. Benefits include excellent resistance to chemicals and humidity, heightened mechanical properties and there is a primer customized for each substrate to be coated (steel, parts with sharp edges and degassing substrates).

Formulated using High Density Cross-linking (HDC) technology and providing a coating that isolates the substrate from its environment thus minimizing the corrosion process.



Axalta Industrial Liquid Coatings

Axalta Industrial Coatings is continuously developing new and innovative high-performance coatings to better protect our customer's products against heat, light, corrosion, abrasion, moisture and chemical attack. Our products are designed to preserve the beauty of all ACE related products as they battle against the elements.

ACE equipment manufacturer's require robust liquid coatings that can be used on a variety of substrates and over different pretreatments. Their customer's demand **coatings that resist corrosion, provide excellent gloss and color retention** and have **excellent chemical resistance**. Axalta Industrial liquid coatings provide matched primers and topcoats which ensure superior adhesion, exceptional corrosion protection, outstanding chemical resistance and UV resistance, while optimizing productivity.

Axalta's liquid coatings are diverse with epoxy and urethane primers for corrosion protection, urethane topcoats to tackle the toughest environmental conditions as well as a high performing non-isocyanate technology topcoat when necessary. These systems optimize productivity without sacrificing quality.

BENEFITS

- Excellent hiding properties and shorter cycle times.
- Combine excellent physical properties with ease of application.
- Fast drying, easy-to-use primers.
- Superior holdout under extreme conditions.
- Excellent gloss and color retention and impact resistance.
- Improved edge protection.
- Provides a very smooth appearance.



| AMERICAS | | | | |
|---------------------|-------------------------------|---------------------------|--------------------------------|--------------------------------|
| | Primers | | Topcoats | |
| | Corlar® 3.0 PR | Imron® Industrial 2.8 HPU | Tufcote™ Plus | Imron® Industrial ULTRA |
| Chemistry | Epoxy | Urethane | Polyurethane | Polyurethane |
| VOC (g/l)** | 360 | 336 | 420 | 336 |
| Layer Type | Primer | Primer | Topcoat | Topcoat |
| Salt Spray | Best | Better | N/A | N/A |
| Xenon* | N/A | N/A | 1800 hours | 2400 hours |
| Humidity Res | Best | Better | Best | Better |
| Gloss | Satin | Satin | 90+, flattened | 90+, flattened |
| Pot Life | 300 min @ 24C | 240 min @ 24C | 90 min @ 24C | 150 min @ 24C |
| Recoat | 15-30 min | Wet on Wet | Wet on Wet over Imron® 2.8 HPU | Wet on Wet over Imron® 2.8 HPU |
| Force Cure | 30 min @ 70C | 30 min @ 60C | 30 min @ 60C | 30 min @ 60C* |
| Colors | Black, Buff, Gray, White, Red | Gray, Buff | Solid | Solid |

| EMEA | | | | |
|---------------------|------------------------------|------------------|-------------------|----------------|
| | Primers | | Topcoats | |
| | Percotop® CS374-6 | Corroless® VOC | Percotop® 9675 | Corroless® VOC |
| Chemistry | Acrylate | Epoxy WB | Acrylate | WB |
| VOC (g/l)** | <540 | N/A | <420 | N/A |
| Layer Type | Primer | Primer | Topcoat | Topcoat |
| Salt Spray | Good | Good | N/A | N/A |
| Xenon* | N/A | N/A | 1000 hours | 2000 hours |
| Humidity Res | Good | Good | Good | Good |
| Gloss | Semi-Gloss | N/A | On Request | On Request |
| Pot Life | 120-180 min @ 20C | 90 min @ 20C | 120-180 min @ 20C | 120 min @ 20C |
| Recoat | 30 min @ 20C | 30-45 min @ 20C | N/A | N/A |
| Force Cure | 35 min @ 60°C | 30-40 min @ 60°C | 30 min @ 60°C | 30 min @ 80°C |
| Colors | White, Light Gray, Dark Gray | Beige | Black, White | RAL and UNI |

CORROLESS® VOC

Corroless® VOC Primer is an innovative, water based and VOC-free 2K epoxy system. Although the product does not contain organic solvents, it provides excellent protection against corrosive attacks and thus prevents rust formation. Thanks to its high degree of filling, the material is particularly suitable for use on blasted steel. Corroless® VOC Primer can be top coated with water-dilutable coatings after the appropriate flash time or with conventional topcoat systems.

IMRON® INDUSTRIAL HPU

Axalta's Imron® Industrial HPU Urethane Primer offers epoxy-like performance, increasing spray efficiency and superior corrosion protection. The versatility of this urethane primer simplifies the coating process for applicators by allowing one common activator to be used for both primer and urethane topcoat.



| ASIA PACIFIC | | | | |
|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | Primers | | Topcoats | |
| | Imron® Industrial Ultra | Imron® Industrial Hydro | Imron® Industrial Ultra | Imron® Industrial Hydro |
| Chemistry | Epoxy | Epoxy | Polyurethane | Polyurethane |
| VOC (g/l)** | 350 | 200 | 360 | 240 |
| Layer Type | Primer | Primer | Topcoat | Topcoat |
| Salt Spray | Best | Best | N/A | N/A |
| Xenon* | N/A | N/A | 2400 hours | 2000 hours |
| Humidity Res | Best | Better | Best | Better |
| Gloss | On request | On request | On request | On request |
| Pot Life | 240 min@ 23C | 180 min@ 23C | 240 min@ 23C | 180 min@ 23C |
| Recoat | Wet on Wet | Wet on Wet | Wet on Wet | Wet on Wet |
| Force Cure | 20-30min @60-80C | 20-30min @60-80C | 20-30min @60-80C | 20-30min @60-80C |
| Colors | On request | On request | On request | On request |

Sustainability, Together

Axalta Industrial is working to drive positive impact on sustainability and transition to net zero.

As a leading global supplier of liquid, electrocoat and powder coatings to a range of industrial sectors, Axalta's Industrial business is striving to become a force for positive change by driving the sustainability agenda throughout its value chain on its transition to net zero. The campaign, 'Sustainability, Together' seeks to inspire the global industrial paint and coatings sector amid increasingly higher ESG standards and expectations. This will empower others to work collaboratively towards shared goals with greater impetus and urgency than ever before.

Axalta's industrial segment has been working hard to reduce energy and water use, emissions, and waste from production. Its commitment also extends into

its own supply chain and work with customers, where it places a major emphasis on promoting responsible business practices.

All of the product offerings within the Agricultural, Construction, and Earth Moving segments have been engineered and tested to be in-line with Axalta's Sustainability commitment.

Powder Coating

Axalta has the most extensive portfolio of powder technologies in the industry. Alesta® is an efficient, environmentally responsible method of finishing.

Liquid Coatings

Industrial applicators require specific coating properties on different ranges of substrates. We have products for all types of applications from trailers to machinery.

Electrocoat

Axalta's electrocoats are high-performance products that are formulated to provide reliable mechanical strength and superior corrosion protection. AquaEC® is water based and therefore helps support environmental goals.





TOP Sustainable ACE Products

Powder Coating

ZEROZINC PRIMER

- Low Bake

ALESTA® SD

- TGIC Free
- Long term durability

PLASCOAT®/ ABCITE®

- BPA Free
- Single layer anti-corrosion system

Liquid Coatings

IMRON® INDUSTRIAL HPU

- HAPS Free
- Energy savings
- CO2 savings due to 28% lower bake temp (compared to epoxy)

IMRON® INDUSTRIAL ULTRA

- Low VOC
- Improved weathering capability
- Better cure response

IMRON® INDUSTRIAL HYDRO

- Very Low VOC to meet strict requirements
- Easy application and wet on wet
- Comparable performance with traditional solvent based product

Electrocoat

AquaEC® 3500EP & AquaEC® 6100

- Sn Free
- HAPS Free
- 3500 EP is Reach Compliant
- Lower curing temp (150C) translates to reduced CO2 emissions.

Axalta's Commitment to Sustainability

From environmental and social performance to the sustainability benefits our products and services provide and our strong corporate governance practices, being an engaged business partner and a good neighbor are fundamental to our growth and success.

Our manufacturing facilities around the world continually enhance their processes to minimize our impact on the environment. Many Axalta products and application

technologies are developed to support not only our own sustainability goals, but also those of our customers by increasing productivity and reducing emissions, energy use, and waste. We engage with a variety of stakeholders including customers, suppliers, investors, industry organizations, non-governmental organizations and others to listen, learn and find ways to continually improve our performance.

Future Sustainable Goals

As a leading global supplier of liquid, powder coatings, and electrocoat, we embrace our responsibility to identify and deliver solutions that will produce a more sustainable environment and business. Our solutions-oriented approach reflects the critical role we play as partners in helping our customers accelerate their own sustainability initiatives and achievements.

Our future goals reflect how meaningful environmental progress, inclusive social values and strong corporate governance are at the heart of Axalta's operations and success.

ACE Global Locations:



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