

AN AXALTA COATING SYSTEMS BRAND



# AquaEC™ Electrodeposition Coatings

Innovative Solutions for E-Coat Needs



# Brilliant Beginnings Equal World Class Corrosion Protection

Today's ultra-competitive market demands expertise in quality, productivity and environmental responsibility. With over 145 years of experience, Axalta Coating Systems is focused exclusively on providing the highest quality coatings to our customers in the automotive, industrial, heavy duty truck, general transportation and consumer parts industries. Our dedicated team of Industrial Specialists is equipped to confidently guide you with product and process expertise to help you achieve better business results.

For more than 40 years we have offered superior E-Coat products known as CorMax™ and ElectroShield, as well as AquaEC, brands that represent a long history of success in meeting stringent customer and regulatory requirements. Today, we are adopting AquaEC as the single name for our entire E-Coat product portfolio. A single name with a single purpose, AquaEC will continue to bring you the best combination of deep technology and process understanding to support your business long into the future. Initially, the AquaEC product names will simply replace the names that you have been familiar with. While the names might change, the product composition and manufacturing source will remain the same. Over time, Axalta Coating System will be adding to the AquaEC portfolio with new products focused on delivering enhanced performance.

AquaEC uses patented technology to provide a superior performing corrosion resistant coating. Our electrocoats meet or exceed the most rigorous specification requirements and are approved in most markets. Our goal is to increase your business profitability. The Axalta team can help to both reduce your process costs with competitive pricing, and improve material productivity. We are experts in analyzing E-Coat chemistry and processes and will do our best to answer your chemistry questions and your equipment concerns. We've got the resources and the technical expertise to streamline your system.

We are highly knowledgeable in both E-Coat and the optimal process and technology to achieve world class performance to keep you one step ahead of the competition. Our promise is to out-work, out-think and out-deliver your current supplier. As an Axalta Coating Systems customer, you will be assigned your own personal E-Coat representative who can provide expert technical advice and serve as a process consultant. We are here to serve you, because at Axalta, we succeed when you succeed.



## We Put Our Customers First.

The success of our business depends on our ability to listen to our customers. At Axalta, you won't hear excuses, you'll simply see results. We are solely focused on coatings and the success of your business.

## We Live Coatings.

Axalta has more than 145 years of coatings expertise. Axalta is one of the largest electrocoat supplier in the industry with over 40 years of commercial experience. Our Industrial Specialists provide the expertise and resources of a big player, with the flexibility and customer service of a smaller company. Axalta provides solutions to your chemistry questions and your equipment concerns. We've got the resources and the technical expertise to streamline your system, and we have the knowledge to keep you one step ahead of your competition.

## Singular Focus.

Our goal is to help you and your business be more productive and successful. The Axalta team can help reduce your costs with competitive pricing, and improved process and material productivity. We are experts in analyzing E-Coat chemistry and process, and our goal is to help your business operate more profitably and efficiently than ever before.

## Coatings for the Real World.

AquaEC electrocoat primers provide world class levels of corrosion protection and are approved for use in most major market segments. AquaEC does more than simply coat hard-to-reach cracks and crevices. Our black electrocoat covers with a better, darker appearance, even at lower film builds. With a proprietary molecular chemistry, AquaEC delivers increased resistance to defects such as cratering.

## Axalta Innovation.

Lower cure temperature, high edge protection and paint formulations offer several potential areas for process improvements that can yield significant economic benefits. AquaEC has been developed to meet the market's demand for a lower temperature cure, high performance cathodic epoxy electrocoat finish.

## Built for Performance.

Axalta Coating Systems offers a complete portfolio of powder, liquid paint and electrocoat products. We are a leading global company focused 100 percent on coatings. We supply coatings to markets that demand outstanding performance and efficient operation. Axalta is a true global company.



# Axalta AquaEC™ Electrocoat Primers

## Technology

### AquaEC™ Electrocoat Primers

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

### Excellent Throw Power

AquaEC electrocoat uses a highly efficient ionization technology to provide improved throw power to coat difficult to reach places where complex part configuration and high rack densities are present.

### Edge Protection

AquaEC electrocoat uses the latest in polymer development to impart improved resistance to edge corrosion on parts where sharp edges are present due to forming or fabricating.

### Superior Corrosion Resistance

AquaEC electrocoat meets or exceeds the most rigorous specification requirements for salt spray and various accelerated corrosion tests.

### Environmentally Responsible

Lead free, HAPS free, low VOCs and IMDS listed.

## Advantage

### Automatic

Single operator, robust operating window and user friendly.

### Controllable

Precise film build over complex metal shapes and rack densities.

### Efficient

Optimum interior/exterior coverage, low bake temperatures.

### Process Friendly

Formulated for excellent product stability and ultra filter performance.

## Scope

### Offerings

Full line of products and services designed to help your business win, on-site service support group is there with you to ensure that our products perform. Our experts will work with your staff to ensure optimal performance and identify improvement opportunities.

### Lab Services

Our Lab Services provide a safety net. They are fully accredited and equipped to help identify and resolve any challenges. In addition our labs provide performance testing for approvals.

### Training

Full training services from basic orientation to advanced. Experienced team and broad network within the markets.



# AquaEC™ Anodic Electrocoats

The AquaEC range of anodic electrocoats offers long-lasting protection, efficiently applied.

## AquaEC A200

AquaEC A200 is a 1K polybutadiene primer. Its excellent levelling and good corrosion protection means this primer can be used as a universal system for coating bulk series of one color. It is suitable for steel, iron and cast iron parts, as well as aluminium components after pre-treatment. As it is lead- and chrome-free, it leads to savings on waste-water disposal.

## AquaEC A400 - A600

AquaEC A400 is a 1K polyester single coat system while AquaEC A600 is the 2K version. Both come with excellent color stability mainly used for coating household goods and steel furniture. It is especially suitable for radiators and other interior objects with a complex shape because it offers outstanding throwing power.

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# AquaEC Cathodic Electrocoats

The AquaEC range of cathodic electrocoats are universal, high performance products.

## AquaEC 2000

AquaEC 2000 from Axalta Coating Systems is a family of epoxy-based electrocoats chosen by many manufacturers of automotive parts, accessories, general industrial parts, and heavy duty equipment. It offers excellent mechanical properties, good chemical resistance and superior corrosion protection. AquaEC 2000 is particularly valuable when corrosion on parts with sharp edges is an issue.

## AquaEC 3000

AquaEC 3000 from Axalta Coating Systems is a family of two pack epoxy-based primers chosen by many manufacturers of automotive parts and automotive accessories, electric housings, switch gear and computer components. It offers excellent mechanical properties, good chemical resistance and superior corrosion protection. AquaEC 3000 is particularly valuable when corrosion on parts with sharp edges is an issue.

## AquaEC 4000

AquaEC 4000 from Axalta Coating Systems is a family of epoxy-based electrocoats chosen by many manufacturers of automotive parts, accessories, general industrial parts, and heavy duty equipment. Its novel catalysis technology offers an expanded bake window allowing full cure at lower temperatures. In addition, the optimized system provides high throw power with smoother film surfaces without compromise to edge protection or film properties.

## AquaEC 5000

AquaEC 5000 from Axalta Coating Systems is a family of single layer cathodic e-coat primers based on acrylic resins that are highly UV resistant. They have been specially developed to provide excellent coverage on the first run. Their long-term weathering resistance, mechanical properties and powerful corrosion protection, make these e-coats ideally suited for bulk coating of outdoor equipment. As with all of Axalta's E-coats, AquaEC 5100 and AquaEC 5500 are environmentally-responsible and HAPS compliant due to their lead-free, water-based formulations.

For more information go to [www.axaltacs.com/AquaEC](http://www.axaltacs.com/AquaEC).

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