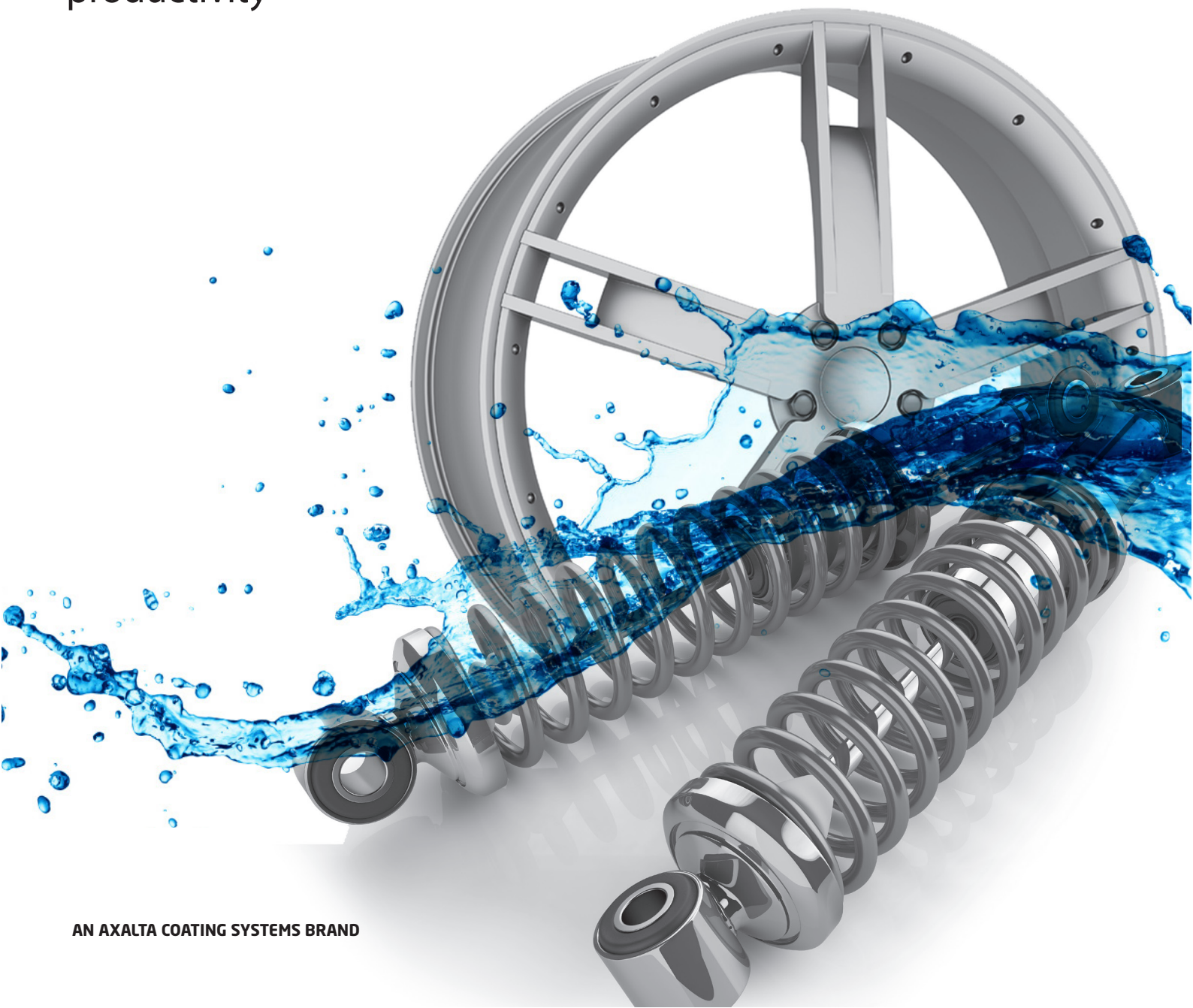




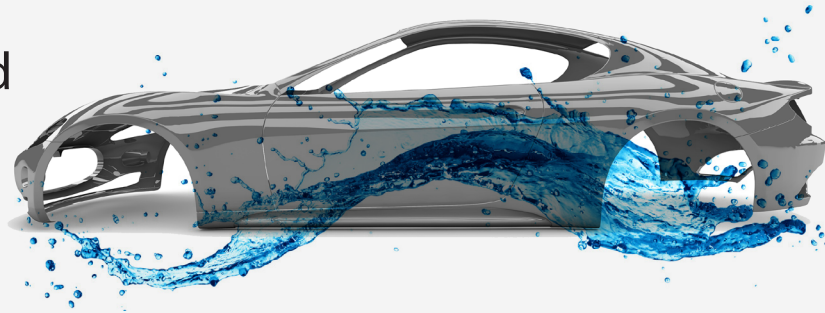
Electrocoat AquaEC™ 6000 Series

Next evolution of electrocoat technology
offering improved performance and
productivity



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The AquaEC 6000 series from Axalta Coating Systems is a family of cathodic E-coat primers based on enhanced epoxy resins and an innovative tin-free catalyst. The robust technology used in this family of products is designed for many end-use markets ranging from automotive to diverse industrial applications.

Designed specifically to deliver enhanced corrosion resistance performance and productivity, the AquaEC 6000 series provides excellent coverage and application properties. Superior performance over various substrates and pretreatment systems make these E-Coats ideally suited for today's advanced layering systems.

Manufacturers in many sectors are looking for solutions that will improve performance and meet increasingly complex market demands that reflect different substrates, parts designs and pretreatment options. The technology behind the AquaEC 6000 series is specifically formulated to meet those demands. Excellent mechanical properties, superior corrosion resistance, and enhanced edge protection combine to enable AquaEC 6000 coatings to deliver improved performance.

Productivity returns are another sought after

goal for customers. The low-temperature curing properties of the AquaEC series technology help reduce energy costs. Its high throw power provides optimized film build across all surfaces. The innovative tin-free technology used to formulate AquaEC 6000 products helps address environmental concerns, and make it Axalta's most advanced E-Coat.

Highlights

- Enhanced corrosion protection
- Improved edge protection
- Improved throw power
- Lower cure temperature
- Made for compatibility with new thin-film pretreatments
- Compliant with global environmental standards
- Smoother finish
- Robust operating window
- Tin-free
- Available globally

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AquaEC 6000 Series

Attribute:

AquaEC 6100

Color	Various
Resin/Pigment Feed Ratio:	4.0 - 6.0 : 1
Weight Per Gallon (lbs.) / Density (g/cm³)	9.26
% Weight Solids	40.42
% Volume Solids	33.53
VOC (lbs./gal) – RACT(NSPS)	0.53

Film Properties:

Coating thickness (microns)	12 – 40
Edge coverage (rust spots)	< 5
Throw power (FoE)	> 200 mm
Salt spray 1000 hours	1 - 3 mm
Cycle test	1 - 2 mm
Recommended Bake:	20 x 360°F
Minimum Bake <small>See your Axalta representative for more bake options.</small>	10 x 320°F

Commercial Uses/Approvals:

Truck & Bus	●
Automotive parts and accessories	●
Appliances	●
General Industrial	●
Agricultural equipment	●
Office and patio furniture	●
Sports/Recreation/Exercise	●
HVAC	●
Military	●
Castings	●

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