

TRANSPORTATION

REFLECT YOUR VISION



LORIN

MOVING BEYOND EXPECTATIONS

Luxury performance no longer demands a luxury price tag.

No matter what signature look you're trying to create for your transportation designs, anodized aluminum can accelerate it.

Choose from natural metallic finishes, virtually limitless color hues, or both to create bold looks on any budget. Three times tougher than the raw material, 60 percent lighter than competing metals, and corrosion resistant, anodized performs at all speeds.

ILLUMINATED DETAILING

For automobiles to aircraft, monorails to marine craft, anodized aluminum illuminates interiors unlike any other. A tough, transparent oxide layer makes brilliant detailing glisten and won't scratch, peel, or flake. And with our UV-stable ColorIn® series, fading is kept far, far away.





GRIPPING POWER

No matter what surface anodized aluminum needs to adhere to, we have a patented solution for that. When you need an adhesive-promoting surface on both sides, AnoGrip® ensures no delamination. When you want the beauty of aluminum on one side with a laminated-something on the other, Adhere® enables gluing without primer—allowing quick, solid attachment to anything like resin-soaked papers, MDF board, foam insulation, or various sound-deadening materials.

SLIM, SOLID & STRONG

Three times harder than the raw material, anodized aluminum provides a natural abrasion resistance not found in other metals. Its corrosion-resistant, rust-free qualities are enough to make anodized preferred by many. And because it is 60 percent lighter than copper, brass, and stainless steel, transportation industries can't get enough. Combined with the coil anodizing process, the entire shipping, handling, and manufacturing process is more efficient with less damage—resulting in a formable, lightweight material that lasts and lasts.





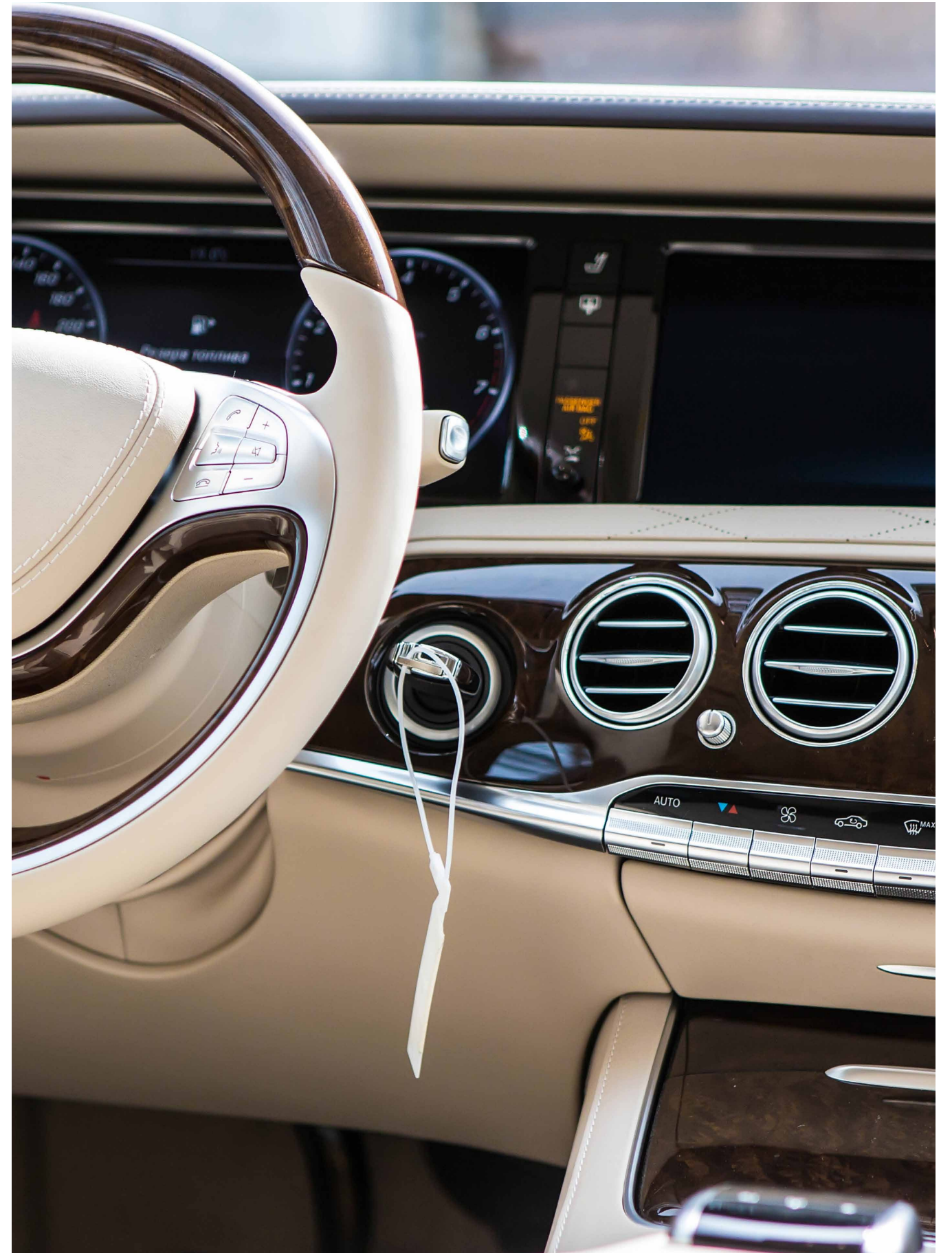
READY TO TWIST, TURN, FORM & PUNCH

When any material is formed or stretched, micro-fractures inevitably occur. Many materials—even when painted—will appear cracked or webbed. This is known as crazing. But with anodized aluminum, crazing is often naturally obscured because of the way light reflects off a bend, creating a bright, frosted effect. In the hands of a skilled fabricator, formed anodized parts can look exquisite.

Coil anodized aluminum delivers consistent quality, and its high strength-to-weight ratio can elegantly solve a variety of challenges because it is light and workable.

A STRIKING LOOK THAT LASTS

The coil anodizing process electrochemically seals the color into the aluminum surface itself. This ensures consistent, fade-resistant colors that won't chip, flake, or peel. Color matching is a cinch too, for any hue or metallic look you can dream up. And for the finishing touch: bright, matte, clear, brushstroked—the options with anodized are endless.





RECYCLABLE FOREVER

Not only is aluminum's fundamental element, bauxite, the earth's most abundant, it is also 100 percent indefinitely recyclable, as its structure doesn't deteriorate when reprocessed. And unlike other materials, anodized aluminum does not flame, smoke, contain volatile organic compounds, or emit toxic fumes. No matter if you're in the air or on the waves, that's a clean bill of health for everything and everyone.



A MANIFESTO

At Lorin, we believe in aluminum. We believe in its possibilities—to become whatever a dreamer can dream, applied to anything from aircraft to appliances. We believe in its strength—to be cut, color matched, formed, embossed, perforated, hammered, and still withstand the test of time. We believe in aluminum because we’ve seen what it can do.

Since 1943, we’ve pioneered and challenged anodized aluminum—improving the process by adopting smarter, environmentally sustainable methods, creating infinite colors and metal finishes, and optimizing resistance no matter the elements. We do this for our customers: designers, tradesmen, artists, and engineers. So they can bring their most ambitious visions to life in safe, manageable, cost-effective ways they never thought possible. Because why wouldn't we want to make dreams a reality?

Forget your perceptions. This is a new kind of aluminum. Anodized.
Polished, powerful, and dynamic. That’s the beauty of Lorin.

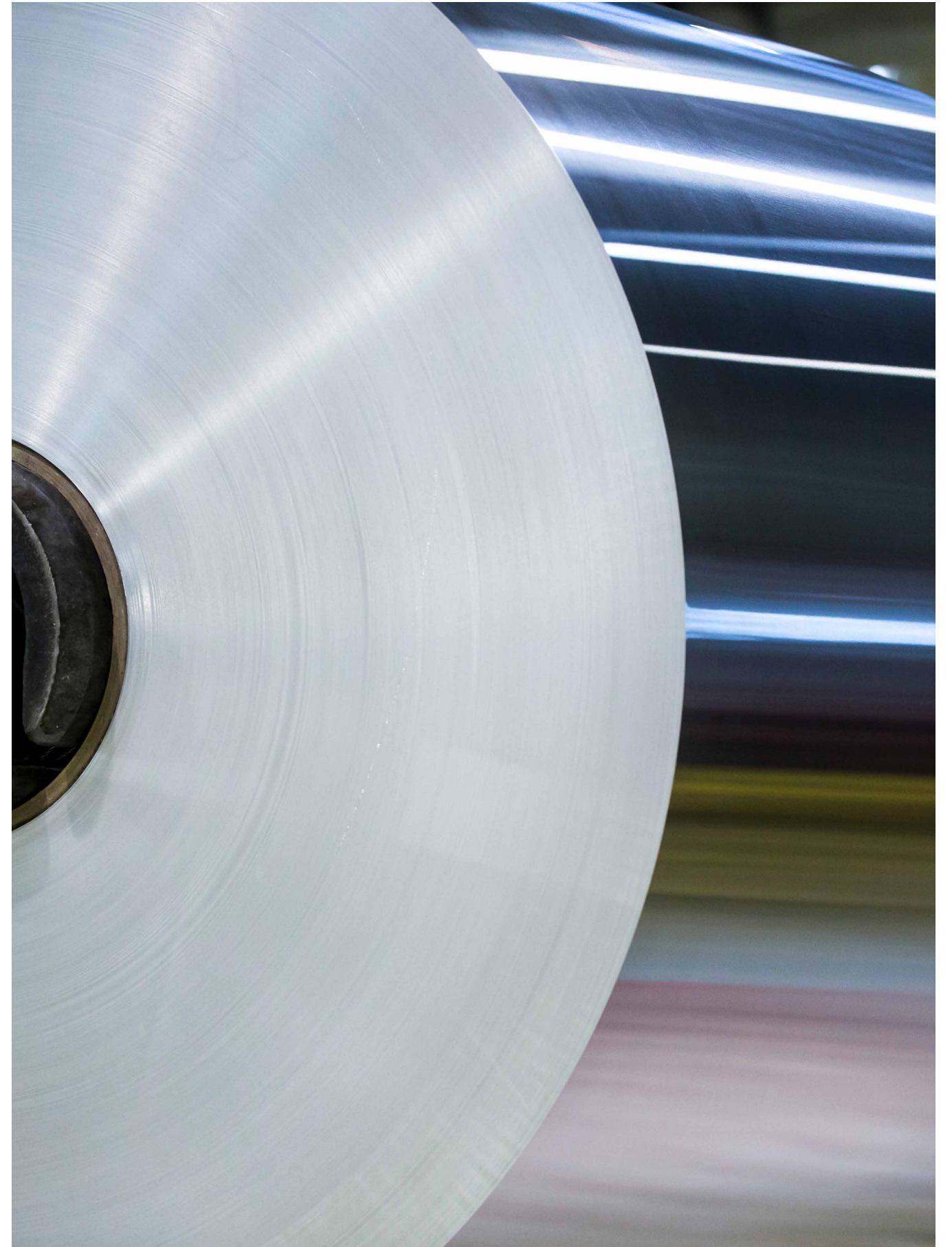
REFLECT YOUR VISION.

HOW WE DO IT

Coil anodizing is an electrochemical process, not an applied coating. And because anodizing is as much about art as science, the end result with Lorin is nothing short of magic—nearly limitless design possibilities and coil-loads of efficiencies. To let you in on the secret, here's how it works.

The Coil Anodizing Process

At Lorin, we start with the highest grade of anodized quality (AQ) metal. Arriving coiled, the raw aluminum is unwound and pulled through a series of tanks, each playing a vital role. It is cleaned, anodized, colored, sealed, then rewound in one continuous process. Afterward we cut the material and deliver ready-to-fabricate all in one stop.



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