

Elegance meets sustainability

Surface finishing solutions for advanced automotive interiors

atotech.com



Chrome finishes as design and technology choice

The design of car interiors is constantly evolving. What was once thought of as a simple, functional driving space is increasingly being transformed into an advanced, multifunctional environment that embodies comfort, safety, and luxury. For decades chrome finishes have inspired designers to develop new features for vehicle interiors, while consumers have appreciated the high-end, luxurious electroplated finishes and the cool feel of metalized, plastic parts.

Inspiring car design

Electroplated decorative finishes have been part of most modern, luxurious, and individual car designs for many years. Their versatility and variability in color, brightness, and reflectivity harmonize perfectly with innovative materials and light effects. Our product range of surface finishing supports a myriad of car designs. We help designers break away from standard solutions. When cooperatively working on design concepts with patterns that smoothly blend with the various other features forming a homogeneous gradient, we can support designers in finding the right nuances for creating visual comfort and aesthetics.

Unmatched technical features meeting the highest sustainability standards

Atotech's high-quality chrome plating solutions offer excellent surface quality, such as a homogeneous appearance without "orange peel" on a wide range of plastics. They feature a high degree of durability and corrosion resistance for both interior and exterior applications. Our portfolio includes processes for plastic pretreatment, a broad range of bright and satin nickel processes enabling a variety of elegant gloss and satin effects, and trivalent chrome processes in a wide range of colors that offer designers a great choice of design options. Pioneering sustainable surface finishing for decades, we offer a complete Cr(VI)-free chromium plating sequence with our Cr(VI)-free plating pretreatment process Covertron® and our TriChrome® series of chrome finishes supporting the sustainability agendas of automotive manufacturers while meeting future environmental requirements in mass production already today.



TriChrome® family – setting design benchmarks

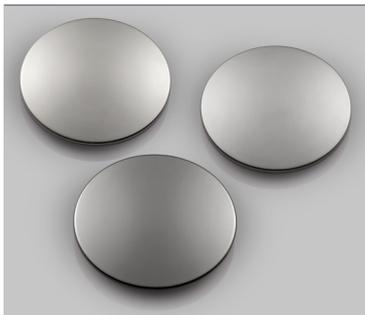
TriChrome® processes form excellent surface finishing results on plastic-based and metal-based applications. Designers gain the greatest freedom of choice when combining TriChrome® with our satin nickel processes.

TriChrome® finishes combined with satin nickel layers foster sophisticated ambient interior light concepts creating intended atmospheres and mood. With preset reflection properties, the decorative surfaces can gently distribute the light, form constraints to light propagation, redirect luminance, or compose shadows through light absorption for an improved sense of spaciousness but also a feeling of safety.



Perfect hues for modern design

TriChrome® Ice is Atotech's closest hue to the clean, specular surface of a hexavalent chromium finish. TriChrome® Ice comes as a radiant shiny or silky satin variation. The sparkling blue hue accents pure and contemporary designs. For accessories, TriChrome® Ice and TriChrome® Plus, both frame a perfect contrast to darker ambient colors like exquisite dark brown and black, but also to other color shades from the designer's palette.



The concept of elegance and finesse

Concepts combining elegance and finesse are preponderantly characterized by darker shades. Atotech's palette of grey hues ranging from the brighter TriChrome® Smoke 2 over TriChrome® Shadow to TriChrome® Titan, provide those darker shades which offer an ambience of sovereignty and magnitude.



Timeless designs

As part of the classic color collection TriChrome® Graphite, an elegant color, gives surfaces a touch of timelessness. The dark, warm, grey hue creates a mysterious ambience and a moody backdrop with dramatic flair perfect for maximalist designs.



Captivate with classic elegance

TriChrome® Phantom is a pleasant shade that exhibits a nice rich look with a shimmering sensation in the sun. The nuance is a classic and elegant finish that blends with non-metallic surfaces into a homogeneous gradient.

Atotech offers a full range of sustainable decorative processes

Automotive interior



Reliable, high-quality processes, equipment, and chemistry for the entire spectrum of functional and decorative surface treatments, which meet the needs and demands of the automotive industry.

Global presence



With a global presence in more than 40 countries, Atotech is the approved choice of OEMs and Tiers worldwide. You can expect nothing less than first-class service and customer support.

Best local service



Atotech currently has 14 TechCenters forming a global network that provides efficient customer support, from pilot production, chemical and material science investigations, and process qualifications, to train customers and partners.

Leading technologies



R&D is the backbone of our success. We regularly work directly with end customers and OEMs to co-develop new ideas that drive product innovation.

Production know-how



Paired with our broad production know-how, our highly skilled personnel and manufacturing capabilities make us the trusted partner within our industry.

Sustainable solutions



Our processes comply with the latest environmental legislation. Atotech's sustainable solutions are free of many hazardous and regulated compounds as well as use water, energy, and raw materials efficiently.

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