



chrome finishing is one of the most eye-catching elements to any interior or exterior component on a vehicle, but the traditional

electroplating process is having to change as new REACH regulations are controlling its use of hazardous materials and tackling the issue of its emission of chromium-6.

To set new standards for both the environmental impact of plastic metalization and its manufacturing process, IHI Hauzer Techno Coating has introduced Chromatipic, which is an alternative coating technology that contains no chromium-6, no solvents, and consists of only two layers: a UV cured lacquer basecoat with physical vapor deposition (PVD) coating on top.

Cromatipic provides a completely different approach from traditional paint and PVD technologies, with the crucial element that no lacquer top-coat is needed to achieve a bright chrome finish. The technology can be applied to a number of industries including consumer

SHINING EXAMPLE

For a future without chromium pollution, an eco-friendly coating solution is setting new standards



LEFT
Chromatipic can be used for interior and exterior car parts

ABOVE RIGHT
The technology consists of five process steps: CO₂ cleaning, lacquering, UV curing, PVD coating, and spindle and fixture cleaning

electronics and jewelry, but it is also recognized as an alternative for automotive applications and has many advantages over plating on plastics.

The two-layer system is based on a flexible coating architecture, leading to a reduction in waste during the assembly process. There is no limitation to ABS/PC substrates, which is driving an increase in the application range to include more cost-efficient polymers, substrate materials with special composition, or transparent plastics for lighting applications. The technology complies with various automotive standards and can be used for interior and exterior plastic parts, such as trim, door handles, dashboard parts, profiles, housings, grilles, logo items, and many more.

IHI Hauzer Techno Coating offers the Chromatipic technology from its factory, providing all the equipment needed for an efficient production process. 

