



LEADING EDGE TECHNOLOGY

NEW DECORATIVE COATING: SAME BLACK, BUT HARDER

Black continues to be a highly popular coating for decorative purposes, especially for bathroom fixtures, jewellery and watches. Hauzer already offered a deep black coating, with an L value of 35 and a/b values of 0. Now, we developed a matching coating to expand the application range: the same L*a*b* values but significantly harder, scoring 1800 on the Vickers hardness scale.

In Search of a Coating That Stands up to Wear

Since the demand for black coatings will remain high for the foreseeable future, Hauzer invested in a solution for those applications that need harder, more scratch-resistant coatings. The seed of this hard black coating came from our tribology expertise. Originally developed for smoothness and hardness, one of our tribology coatings was a promising base to develop into a black coating for decorative purposes.

The benefit of this coating being derived from a tribology coating is that it has excellent hard-wearing properties. Ideal for objects that get a lot of wear, such as door handles, watch cases, and items that people carry in their pockets or in their bags.

Smooth, Glossy, Premium Feel

The first customers have already taken receipt of samples, and have been very positive in their feedback on appearance and scratch resistance. The new coating is mirror-smooth,

producing a deep black with bright highlights that gives a luxurious feeling. Because of the high gloss, fingerprints can easily be wiped off with a dry cloth. The coating also has great uniformity on rounded objects or complex 3D shapes. Satin or brushed finishes are also possible on textured substrate.

Want to Offer This New Black Coating to Customers?

At Hauzer, we are now working on upscaling this coating and getting it ready to work with an even wider variety of shapes. The hard black coating can be implemented on existing equipment. Are you interested in adding a hard, scratch-resistant black coating to your portfolio? Or is it the smoothness that makes this coating ideal for your applications?

Get in touch with Huub Vercoulen (HVercoulen@hauzer.nl or +31 6 462 01 462) to discuss a solution for your specific application.

