

CernoTex™

Anti-Fingerprint Coating

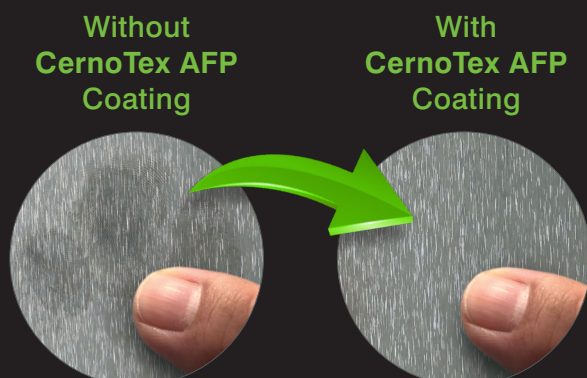
A ceramic nanocoat for long-lasting aesthetics and easy maintenance



Rimex Metals Group is proud to announce a complimentary addition to our family of specialised metal finishing with the launch of our new **CernoTex™ AFP Coating** production line.

Staying clean for longer

Rimex now has the ability to apply **CernoTex™** – a **ceramic, nanocoated, anti-fingerprint film** which greatly enhances the aesthetic quality of the product by significantly reducing the adhesion of fingerprints and markings on stainless steel sheets. It is also extremely easy to clean any dirt that does appear over time.



Specialists in Metal Finishes

Where and on what can CernoTex™ be used?

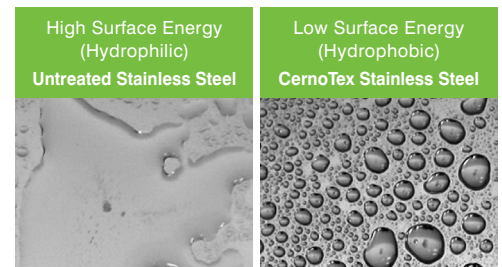
CernoTex™ is ideal for use in interior applications, especially high 'touch traffic' areas, on a range of our natural, coloured surface and patterned stainless steel finishes. This includes our **Hairline**, **Satin**, **Granex™**, **VorTex™** for surface finishes and for patterned finishes, **Canvas**, **Linen**, **Sandstar**, **Squares** are good candidates for CernoTex™ treatment.

CernoTex™ is applied to flat sheets but still displays good fabrication characteristics meaning that bending to a desired form is still possible. We have successfully tested 180° bends with no cracking or peeling of the CernoTex™ layer.

CernoTex™ has been successfully tested for cutting with fibre and CO₂ lasers as well as blanking, using punch and die techniques.

The science behind the ceramic nanocoat

In short, we achieve this protective ceramic nanocoat through a chemical process known as the 'Sol-Gel Process' which is a method of utilising wet chemistry to synthesise thin, dense, hard coatings with glass or ceramic like properties.



Once applied to the stainless steel it is thermally cured to densify the coating. The resulting coat has a low surface energy (hydrophobic); this makes the moisture from fingerprints less adherent and therefore more easily removed.

The benefits of CernoTex™

- Superb for interior applications.
- Keeps metal products in pristine aesthetic condition.
- Significant reduction in fingerprints and grease.
- Good fabrication characteristics.
- Perfect for high pedestrian areas.
- Low surface energy (Hydrophobic) – highly repellent of liquid.
- Reduced maintenance costs due to easier cleaning when compared to non-CernoTex™ treated surfaces.

