



Chrome-Free Color Fastener Ultra-High-Performance Nano Coating

Traditional painted screws often rely on hexavalent chrome conversion coatings beneath thick organic topcoats for durability. Due to growing environmental concerns, trivalent chrome has emerged as an alternative—but it still falls short of the performance offered by hexavalent chrome, which remains prevalent in painted screw applications.

TrueEco’s advanced nano-ceramic technology redefines this process with an ultra-dense molecular structure and strong chemical bonding. Unlike traditional organic coatings or chrome-based conversions, it offers superior adhesion, enhanced mechanical strength, and exceptional resistance to weathering and chemicals. Most importantly, it eliminates nearly all environmental hazards, setting a new benchmark for sustainable coating solutions.

Meets C4/C5 Environmental Standards for High Corrosion Resistance.

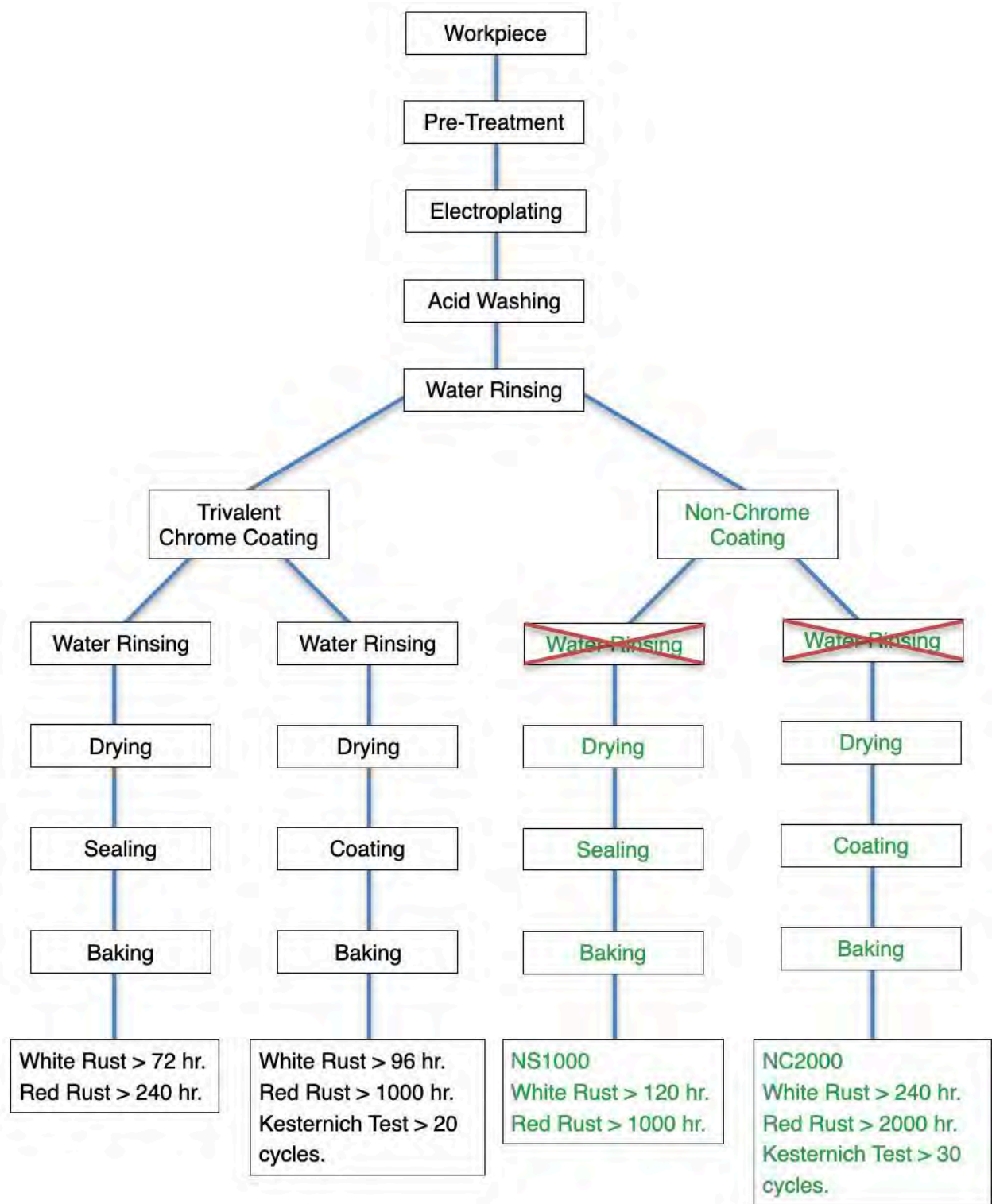
Product Features :

- * Superior Corrosion and Weather Resistance (SST > 2000 hr, Acid Rain > 30 cycles)
- * Outstanding Adhesion and Mechanical Performance
- * Customizable Colors
- * No Additional Cost Increase
- * Free from Hexavalent and Trivalent Chromium, RoHS Compliant



	Properties	Color	Type	Corrosion Resistance
NS1000 Sealing	Water-based Alcohol-based	Clear / Black	Single-component Baking Type	White Rust > 120 hr. Red Rust > 1000 hr.
NC2000 Topcoat	Alcohol-based	Clear / Black / Silver Various Colors	Single-component Baking Type	White Rust > 240 hr. Red Rust > 2000 hr. Kesternich Test > 30 cycles.

Traditional Process vs. TrueEco Chrome-Free Process



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