SABERDRIVE





Weather Resistant: Anti-UV elements resist fading over time, maintaining a uniform color pattern after install.

Wear Resistant: Engineered and consistently shown NOT to wear off during screw installation; resistant to heat and abrasion. See Page 2 for more details.

Stain Resistant: Self-Cleaning

Solvent Resistant: Petroleum Solvent Resistant

Acid-Alkali Resistant: Independently tested in ACQ lumber alongside Hot-Dipped Galvanized bolts. Coating far out-performs HDG bolts, proving its usefulness in treated lumber.

Multi-Purpose: Designed for use in multiple materials including thin sheet metal, PVCu, MDF, chipboard, softwood and hardwood.

Saberdrive XL 1500 coated fasteners are tested according to ASTM B117 standards for rust and corrosion.



Composition

XL 1500 is a proprietary Eco-Nano Coating, unique to the Saberdrive coated fasteners. Nano Coating Technology utilizes ultra thin layers of inorganic oxides. These multiple layers create an extremely hard and smooth surface, which results in ultimate performance and corrosion resistance. Saberdrive XL 1500 is comprised mainly of the following inorganic oxides:

SILICON DIOXIDE: raw material of glass and ceramic

TITANIUM DIOXIDE: used in photo catalyst

ALUMINUM OXIDE & ZIRCONIUM OXIDE: raw material of ceramic and flame-resistant materials

These inorganic oxides contain no organic elements like carbon and hydrogen, so that the film properties of XL 1500 are different from traditional organic coating and show excellent performance in regards to heat resistance.

www.fastenerconnection.com Page 1

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Wear Resistance Testing

Saberdrive XL1500 coating has been tested for heat and wear resistance by installing screws into a board, exposing the tip on the other side. As results show below, Saberdrive XL1500 coating was the only coating that held up to the heat and wear caused by the install.



Salt Spray Fog Testing

An independent lab at Michigan State University took samples of competitors alongside samples of Saberdrive XL 1500, and they were tested for weather resistance. After 1500 hours of submersion in salt spray, Saberdrive XL 1500 was the ONLY coating that showed NO RED RUST.

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