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TECHNICAL BULLETIN X-TEND COATED FASTENERS

What is X-Tend Finish?

X-Tend is a process of the mechanical-deposition of zinc with a topcoat of hexavalent chromate. Mechanical zinc affords the processor the ability to deposit zinc in thickness far exceeding ordinary electro finishes. The finish provides an excellent barrier coating inhibiting the elements from attacking the fasteners.

Advantages

Uniformity: The mechanical-deposition of zinc provides a smooth uniform coating enhancing appearance and protection.

Coating Thickness: Easily controlled through our computer monitoring process insuring uniform thickness from part to part. Our mechanical zinc standard thickness is .0006-.0007.

Barrier Coat: X-Tend provides two layers of protection. The top seal is an effective barrier to the environmental elements present. While the zinc layer affords a secondary layer for even further protection. These two layers work together to provide an exceptionally corrosion resistant coating.

X-TEND FINISH ENVIRONMENTAL TEST CHAMBER RESULTS				
Dual Grip Fasteners "driven" into 29 gage metal and 1" wood prior to testing	Fastener Finish	Hours to White Rust	Hours to Red Rust	Cycles to 25% Red Rust
Salt Spray ASTM B-117	Plain	336	984	
Kesternich per SFW 2.05 DIN 50018	Plain			10
Kesternich per SFW 2.05 DIN 50018	Painted			14

Fasteners are driven in by screw gun into two sheets 29 gage steel and removed by hand prior to testing. This Reflects field conditions more accurately than placing un-driven fasteners into test chamber.

NOTE: Many fastener companies do not drive screws prior to testing. Therefore, their test results do not reflect field conditions.