



Over 100 Years of Experience

Coatings

Oxyseal II Longlife Coating

Oxyseal is an effective, economical way to further protect Atlas fasteners from corrosion. This durable coating can be applied to the head - and threads, if desired - of all Atlas fasteners.

The basic plating is mechanically applied zinc with a minimum thickness of 0.3 mil. The post-plating film is carefully compounded to be nonconductive and acid resistant. It is also resistant to chipping, abrasion, and scuffing from socket impact.

Specifications

Type:

Modified Acrylic - Epoxy Water Base (Flouropolymer Aluminum Teflon Base)

Application:

Dip - Spin; stirred well before use

Use:

Roof & metal building screws

Plated fasteners

Pneumatically driven fasteners

Deck screws

Fasteners requiring a nonconductive finish

2-Coat Corrosion Resistance:

Applied over .0003 inch minimum mechanical zinc plate

SFW 2.0 S DIN 50018 Kesternich - 21 cycles

Water Immersion - no effect

ASTM B117 Salt Spray - 1,000 hours

Humidity - 1,000 hours

Note: test results depend on pretreatment, dry film thickness, and cure.

All test results and recommendations are based on laboratory tests. Specific job site conditions should be taken into consideration when specifying the proper fastener. Because applications vary, we assume no liability for use of this information.



www.atlasfasteners.com

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SALES AND SERVICE CENTERS

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Salem, OR
1-800-547-8740



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Spectrum Custom Paint

Fasteners are individually spray painted with 1 mil thick Polyurethane Paint. Spectrum Paint has a finish of exceptional physical and chemical resistance. Computerized color assures a perfect match.

The Polyurethane Enamels are low gloss, two package coatings for use where extended exterior durability and high performance are required. The performance properties of Spectrum Paint coatings are ideal for metal surfaces.

Performance Tests

The tests below were conducted on Bonderite 1000 panels at 1.0 mil dry film thickness, cured for 30 minutes at 180°F (82.2°C) and aged 14 days at room temperature 77°F (25°C) using V66V29 Catalyst. Each test rated excellent or no failure.

5% salt spray - 500 hours

100% relative humidity - 1,000 hours

Water immersion - 100 hours

Lacquer thinner, acetone, MEK, gasoline, xylene - 20 double rubs with saturated cloth

Lubricating oils, hydraulic fluids, and cutting oils

Cold Check: 16 cycles - 24 hours at 100% humidity; 24 hours at 10°F (-12.2°C), 24 hours at 77°F (25°C)

Pencil hardness H to 2H

Flexibility - 1/8" conical mandrel

Advantages:

4-step process to assure tough, chip-resistant finish
Special UV protection guards against chalk and fading

Excellent physical and chemical performance

Excellent appearance over many types of substrates, whether smooth and impermeable or rough and porous

Ideal coating for Machine Tool industry with resistance to most lubricants and cutting oils

Ideal coating for heat sensitive substances because of low temperature cure

Force dry curing

Non-photochemically reactive

Low gloss range

Full range of colors may be custom blended

Computer color matched for consistency

Excellent hardness and impact resistance

Good exterior durability

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