UCAN
FASTENING PRODUCTS

DATA SHEET
RUSPRO® COATING

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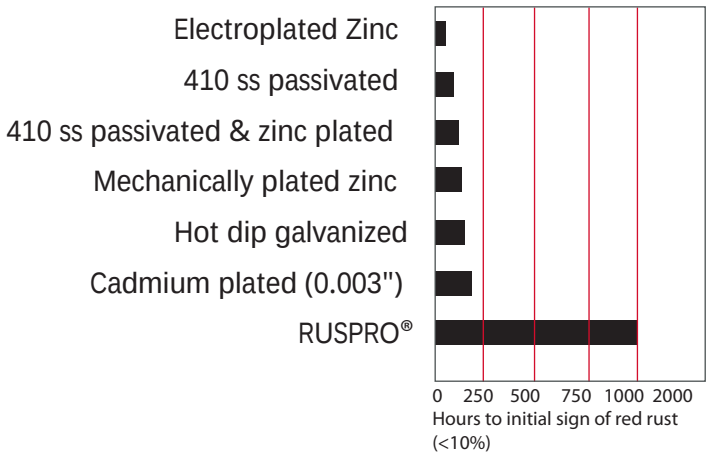
DESCRIPTION

The UCAN RUSPRO® multi layer coating was developed to provide outstanding resistance against road salt, humidity, solvents and other corrosive elements. This protective coating consists of successive layers of zinc and phosphate as well a baked-on top coat of ceramic silicon resin. In addition to the superior corrosion protection, the UCAN RUSPRO® coating has excellent resistance to abrasion and galvanic corrosion.

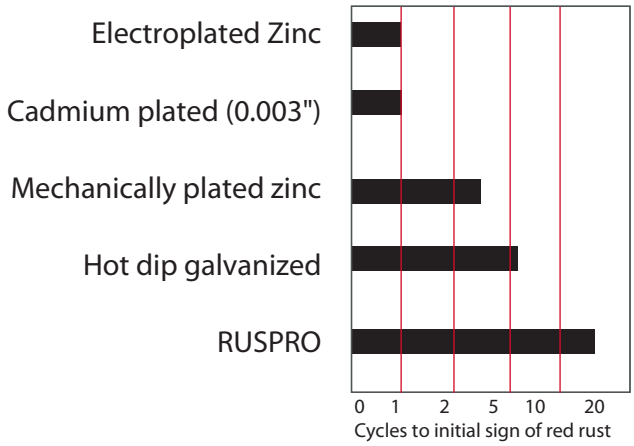
KEY ADVANTAGES

- Exceptional corrosion resistance
- Excellent acid (SO_2) resistance
- Bonded multi layer coating to resist abrasion
- Available in a variety of colours
- All silver RUSPRO® coated screws are ACQ compatible

Salt Spray Test ASTM B117



Kesternich (DIN 50018 -2.0L SO_2) Test (Acidic Industrial Atmosphere)



PERFORMANCE DATA

Salt Spray Resistance (ASTM B117-03)	1,000 hours (5-10% red rust)
Kesternich Test DIN 50028 - (2.0 liter SO2)	15-20 cycles (<10% red rust)
Abbrasion resistance ASTM D3359	
Typical coating composition:	4.0 microns (0.00016") zinc plating
	1.0 microns (0.00004") phosphate
	5.0 microns (0.0002") ceramic top coat

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UCAN FASTENING PRODUCTS
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DATA SHEET
RUSPRO® 2000

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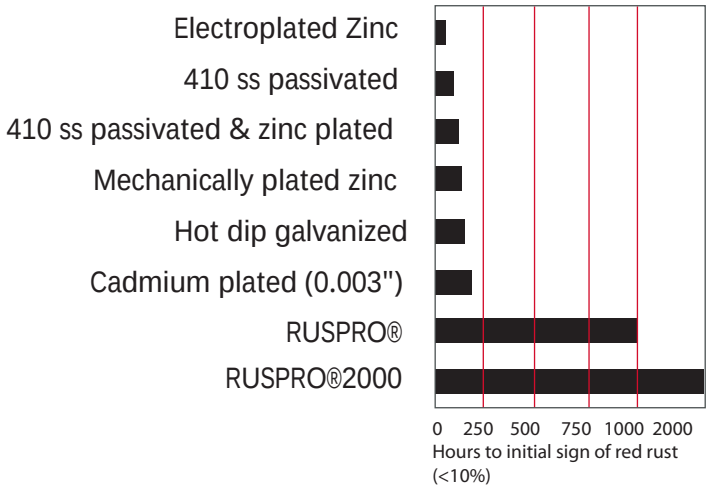
UCAN RUSPRO2000 is an exciting addition to UCAN's RUSPRO family of corrosion resistant coatings.

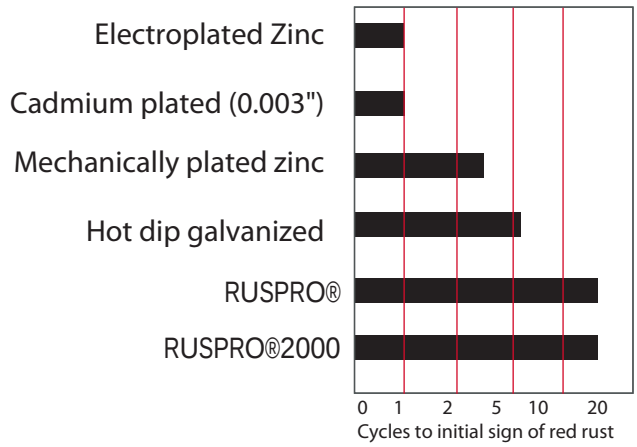
- 2,000hrs salt spray resistance*
- Resistance 15 cycles Kesternich**
- Exceptional abrasion resistance***
- ACQ compliance (silver colour)

***ASTM B117, ASTM610D (grade 10)** ****DIN50018-2.0S** *****ASTM D3359 (B5)**

Salt Spray Test ASTM B117



Kesternich (DIN 50018 -2.0L SO_2) Test (Acidic Industrial Atmosphere)



ASTM D610 rating corrosion Rating corrosion by ASTM D610 is twofold: the degree of rusting and the rust distribution. The rating is listed in table 1.

PARAMETERS	SPECIFICATION			
DEGREE OF RUSTING	1	> 33.0% and ≤ 50.0%		
	3	> 10.0% and ≤ 16.0%		
	5	> 1.0% and ≤ 3.0%		
	7	> 0.1% and ≤ 0.3%		
	10	≤ 0.01%		
Classification of the rust distribution	**Spot rust** The rusting is condensed in a few localized areas of the painted surface.	**General Rust** The rusting is randomly distributed in sizes and in areas throughout the painted surface.	**Pinpoint** The rusting is spread through the surface as small individual specks of rust.	**Hybrid** The rusting combines attributes of at least two of the previous classification.

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