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	US Revision: 1
<b>METAL UNICOAT</b>	Date: 05/12/15
	Supersedes:
	<b>RD 1</b>

**DESCRIPTION OF THE PRODUCT**

**USE** Water-borne acrylic, single component rust preventive coating, using a zinc phosphate rust inhibitor. Forms a flexible, seamless waterproof barrier applicable for interior and exterior applications.

- FEATURES**
- Low VOC, single package, water-borne.
  - Contains no chromates, lead or strong solvents.
  - Impact and erosion resistant
  - Resistant to the effects of long-term weathering, UV light, salt water and most environmental chemicals.
  - Self-priming, can be used as both primer and finish coat, excellent physical and chemical bonding properties to most surfaces.

**SUBSTRATES** Anti-Corrosion on common metal surfaces: Carbon steel, Weathering steel (CorTen), Galvanized steel, Copper, Lead and Aluminium.  
 Note: New Galvanized and Stainless steel surfaces may require the use of a special primer, RD-Multiprim.

**SYSTEM:**

**Over partially rusted surfaces with an existing, well-adhered coating:**

- Primer RD-Metal Unicoat at 4 mils DFT
- Finish RD Metal Unicoat at 4 mils DFT

**Over unpainted, unprotected steel surfaces.**

- Primer RD-Elastometal 7mils DFT
- Finish RD-Metal Unicoat 4 mils DFT.

Note: In aggressive environments we recommend the use of 2(7mils DFT) coats of RD-Elastometal followed by a finish coat of RD-Metal Unicoat

**APPLICATION INSTRUCTIONS**

**PREPARATION OF THE SUBSTRATE:** The substrate has to be free of all loosely adhered rust (SSPC SP-12, WJ4), degreased, dry, and free of dust. Contact local RD representative for detailed information.

**APPLICATION CONDITIONS** Environmental Conditions (general requirements).

- The minimum air and substrate temperatures; 45.F for 24hours.
- The maximum surface temperature; 130.F.



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- The maximum relative humidity: 90%. Understanding that the surface temperature must be at least 5°F above the Dew Point, with no threat of rain for 3hours.

APPLICATION MEANS	Brush, roller or airless (tip size: 015–023) Caution:
DILUTION :	Water (only for airless: 3%)
CLEANING OF TOOLS:	Water
COVERAGE :	Theoretical coverage 5 Gallon unit, at 4 mils DFT per coat: 940 sq ft at 5mills DFT
PARTICULARITIES	Mix well before use.

#### TECHNICAL DATA

FINISH:	Satin gloss
COLORS:	White, can be tinted – light to medium colors.
SOLIDS CONTENT:	In weight: ca. 59 % In volume: ca. 47 %
VOC CONTENT:	Max 60 g/L
DENSITY:	Ca. 1.30
FLASH POINT:	Not flammable
VISCOSITY:	100 – 120 P (Brookfield 20 Rpm)
DRYING TIME:	To touch: 2 hours Recoatible: min. 4 hours at 75F.
PACKAGING:	1 and 5 Gallon units
STORAGE STABILITY:	12 months, keep away from frost.

#### SAFETY DATA



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The safety data sheet is available on request.

These specifications are given for information. Since the manufacturer is not able to check the right application of the products, he cannot accept any responsibility for it. This technical data sheet replaces all previous editions.