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	US Revision: 1
	Date: 01/01/2014
	Supersedes:
RDI-METAL UNICOAT PURPLE	RDI 13

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.
This coating contains an antimicrobial agent to prevent Mold from degrading the dried paint film.

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 RDI-Metal Unicoat at 4 mils DFT
- Finish RDI Metal Unicoat Purple at 4 mils DFT

Over unpainted, unprotected steel surfaces.

- Primer RD-Elastometal 7mils DFT
- Finish RDI-Metal Unicoat Purple 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 RDI-Metal Unicoat Purple

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.



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APPLICATION CONDITIONS

Environmental Conditions (general requirements).

- The minimum air and substrate temperatures; 45.F for 24hours.
- The maximum surface temperature; 130.F.
- 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
Recoatable: min. 4 hours at 75F.

PACKAGING:

1 and 5 Gallon units

STORAGE STABILITY:

12 months, keep away from frost.



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SAFETY DATA

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.