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	US Revision: 2
RD-ELASTOWRAP-AV	Date: 10/15/2011
	Supersedes: 03/15/2010
	EW1

DESCRIPTION OF THE PRODUCT

Air and Vapour Barrier: Waterborne acrylic polymer, high performance, single component rust preventive coating. Forms a highly elastic seamless waterproof barrier applicable for interior and exterior applications.

USE: Highly elastic waterproof coating system, which is resistant to the diffusion of vapor and air. Designed to be used as a waterproof membrane, which is an air and vapor barrier.

FEATURES:

- Good chemical resistance.
- Excellent resistance against abrasion.
- Low-odor.
- Resistant to the diffusion of vapor and air through the coating.
- Resistant to the formation of mildew on the coating surface.
- Can be used with reinforcing as flashing.

SUBSTRATES: Can be applied to a wide variety of surfaces to include, but not limited to: Plywood, Concrete, block, tile, gypsum and other wallboards with use of adhesion primer. Can be applied directly to most metal surfaces, polyurethane and polystyrene insulation boards.

SYSTEM:

As an Air Barrier, Waterproof Coating:

- Primer: RD-UNIFIX or RD-MULTIPRIM depending on the surface.
- 2 coats RD-ELASTOWRAP-AV applied @ 8mils DFT each to achieve 16mils.
- Reinforcing fleece can be used with this system for flashing.

As a Vapor Barrier, Waterproof Coating:

- Primer: RD-UNIFIX or RD-MULTIPRIM depending on the surface to be coated.
- 3 coats RD-ELASTOWRAP-AV applied @ 12mils DFT each to achieve 36 mils.
- Reinforcing fleece can be used with this system for flashing.

APPLICATION INSTRUCTIONS

PREPARATION OF THE SUBSTRATE: The substrate has to be clean, dry and free of dust.

APPLICATION CONDITIONS: Indoor: Provide proper ventilation.

Environmental Conditions (general requirements):

- The minimum air and substrate temperatures; 42°F for 24hours.
- The maximum surface temperature; 130°F.
- The maximum relative humidity: 90%.
- Surface temperature must be at least 5°F above the Dew Point, with no threat of rain for 3hours.

APPLICATION MEANS:

- Airless spray is recommended to ensure a consistent film thickness (tip size: 018-026).
- Brush and roller can be used.

DILUTION: Ready to use



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CLEANING OF TOOLS: Water

COVERAGE: Theoretical Coverage: 5 Gallon Container:

- To achieve low perm air barrier - 300 sq. ft. at 16mils DFT.
- To achieve vapor barrier – 115 sq./ft. at 36mils DFT.

TECHNICAL DATA

FINISH: Satin Matte

COLORS: White

SOLIDS CONTENT: By Weight: 72%
By Volume: 58%

VOC CONTENT 8 g/l

DENSITY: Ca. 1.46

WATER VAPOR DIFFUSION RESISTANCE ASTM-D1653 9.9 grams/24hrs

FLASH POINT: Non-Flammable

PERMEABILITY 0.3perms or 0.2metric perms.

VISCOSITY: 185 P – 225 P (Brookfield 20 Rpm)

DRYING TIME: 70°F/50%RH
To Touch: 2 hours
To Recoat: 5 hour minimum
Full Cure: 7 days minimum

PACKING: 5 Gallon Units

STORAGE STABILITY:

- 12 months minimum provided the original container is sealed and has been stored in a controlled environment.
- Prevent freezing.

TEST DATA: Available upon request.

SAFETY DATA

The Material Safety Data Sheet is available on request.

This data is given for information only. Since the manufacturer is not able to check the correct application of the products, they cannot accept any responsibility for it. This technical data sheet replaces all previous editions.