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	US Revision: 3
RD-ELASTOROOF	Date: 10/15/2011
	Supersedes: 02/15/2007
	R3

DESCRIPTION OF THE PRODUCT

- USES:** Waterborne acrylic dispersion, single component waterproofing product for waterproofing or over-coating roofs.
- FEATURES:** Forming of a very elastic, durable, waterproof coating system; that is permeable to vapors.
- Note:** RD-ELASTOROOF “dry-fall” characteristics help to reduce the risk of overspray on buildings and surrounding property. Application methods include “dry-fall” under certain conditions (see Application).
- SUBSTRATES:** All substrates, if the appropriate system is applied. Substrates include but are not limited to:
- EPDM
 - Modified Bitumen
 - BUR and most standard roofing insulations and recovery boards.
 - Can be applied directly to concrete, wood and tiles.
- Note:** Do not apply on PVC roofing or on bituminous substrates that are less than one year old.
- SYSTEM:**
- Porous, Non-Treated Surfaces:**
- Primer: 1 coat RD-UNIFIX.
 - Topcoat: 2 coats of RD-ELASTOROOF applied @t 25 mils DFT each.
- Ferrous And Non-Ferrous Metals:**
- Primer: 1 coat of RD-ELASTOMETAL applied @ 7-8 mils DFT.
 - Topcoat: 2 coats of RD-ELASTOROOF applied @ 25 mils DFT each.
- Bituminous Substrates Older Than One Year:**
- Direct application of 2 coats of RD-ELASTOROOF applied @ 25mils DFT each.
- Note:** On flat roofs, the product must be reinforced with mesh and a finishing coat of RD-ELASTOROOF ALU must be applied, (in place of the 2nd coat of RD-ELASTOROOF) @ 25 mils DFT.

APPLICATION INSTRUCTIONS

- PREPARATION OF THE SUBSTRATE:** The substrate has to be clean, dry, and free of dust. In case of moss or mildew on the substrate, remove it with a special anti-moss product followed by pressure washing. Fill up cracks with RD-ACRYKIT caulking.
- APPLICATION CONDITIONS:** Environmental Conditions (general requirements):
- The minimum air and substrate temperatures; 45°F for 24 hours.
 - 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 3 hours.



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APPLICATION MEANS:

Brush, roller or airless spray (tip size: 018–023).

Caution: Dry overspray can be wiped or washed from most surfaces. Satisfactory dry-fall performance depends upon height of work and equipment adjustment. Low temperature and high humidity are of particular concern. Test for application as follows: Spray from 15 to 25 feet towards paint container. The material then should readily wipe off.

DILUTION:

Water (Only for airless spray: up to 3% during fast drying conditions.)

CLEANING OF TOOLS:

Water

CONSUMPTION:

Theoretical Coverage / 4.3 Gallon Container:

- 190 sq. ft. at 25 mils DFT.
- 95 sq. ft. at 50 mils DFT.

PARTICULARITIES:

Mix before use.

TECHNICAL DATA

FINISH:

Satin Flat

COLORS:

Standard color is gray ; custom colors upon request.

SOLIDS CONTENT:

In Weight: 72%
In Volume: 58%

DENSITY:

CA 1.55

FLASH POINT:

Non-Flammable

VISCOSITY:

150-200 P (Brookfield 20 Rpm)

DRYING TIME:

3-24 hours per coat, depending on temperature, humidity and wind.

PACKING:

4.3 Gallon Units

STORAGE STABILITY:

2 years minimum provided the original container is sealed and has been stored in a controlled environment.

TEST DATA:

Available upon request.

SAFETY DATA

The 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.