DESCRIPTION OF THE PRODUCT

USE:

Single component, water borne acrylic elastomeric coating used to waterproof exterior vertical walls and facades.

FEATURES:

- Very elastic at low temperatures.
- Waterproof and Vapor permeable.
- Resistant to dirt pick-up and the diffusion of carbon dioxide.
- Resistant to long-term weathering and UV exposure.
- Can bridge minor cracks at low temperatures.
- Can bridge large active cracks with the addition of RD-Reinforcing Fleece.
- High solids content.
- Low VOC.
- Dry fall.
- Easy to apply.

SUBSTRATES:

New and old masonry, brick, block, stucco, concrete, pre-cast, terra cotta, lime stone, sand stone, travertine, Exterior Insulation and Finishing Systems (EIFS) and a wide variety of wood surfaces.

SYSTEM:

- **System for Bridging Minor Active Cracks:**

Primer:	1 coat of RD-UNIFIX or RD-ELASTOFLEX diluted 20%.
Detail:	RD-ACRYKIT applied to all joints and cracks.
Waterproofing:	1 coat of RD-ELASTOFLEX.
Texture:	1 coat of RD-ELASTOFLEX QUARTZ (if texture is desired).
Topcoat:	1 coat of RD-ELASTOFLEX.

- **System for Bridging Large Active Cracks:**

Primer:	1 coat of RD-UNIFIX or RD-ELASTOFLEX diluted 20%.
Detail:	RD-ACRYKIT applied to all joints and cracks.
Waterproofing:	1 coat of RD-ELASTOFLEX with RD-Reinforcing Fleece.
Texture:	1 coat of RD-ELASTOFLEX QUARTZ (if texture is desired).
Topcoat:	1 coat of RD-ELASTOFLEX.

APPLICATION INSTRUCTIONS

PREPARATION OF THE SUBSTRATE:

The substrate must be clean, dry and free of dust and dirt, which is typically achieved through the use of pressure washing with 4,000 psi and a 0° spinning tip. In some cases hand and power tools may to be needed to remove mortar spats or unsound coatings from the surface. A field mock-up and adhesion test should be conducted and checked by the local RD Coatings technical representative.

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.

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.

Note: Heat can fuse-dry overspray to surfaces. Always clean dry overspray form hot surfaces before fusing occurs. Be aware that surface temperatures can be higher than air temperature.

DILUTION: Water

CLEANING OF TOOLS: Water.

COVERAGE: Theoretical Coverage / 5 Gallon Container:
- 760 sq. ft. at 6 mils DFT (assuming no waste or variations in the surface).

PARTICULARITIES: Mix well before use.

TECHNICAL DATA

FINISH: Flat

COLORS: White. Custom colors available upon request.

SOLIDS CONTENT: By Weight: 71-73 %
By Volume: 58-60 %

VOC CONTENT: 45 g/l

DENSITY: Ca. 1.56

FLASH POINT: Non-Flammable

VISCOSITY: 230 P - 250 P (Brookfield 20 Rpm)

DRYING TIME: To Touch: 2 hours
To Recoat: 24 hours

PACKING: 1 & 5 Gallon Units

STORAGE STABILITY:
- 2 years minimum provided the original container is sealed and has been stored in a controlled environment.
- Prevent from freezing.

TEST DATA: Available upon request.

TEMPERATURE RESISTANCE: (Dry) Continuous 175° F

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.