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	US Revision: 3
RD-ELASTOFLEX QUARTZ	Date:10/15/2011
	Supersedes: 06/15/2010
	WE21

DESCRIPTION OF THE PRODUCT

USE: Single component, water borne acrylic elastomeric coating used to waterproof exterior vertical walls and facades. Can be used separately, or as part of the RD-ELASTOFLEX system to provide a textured finish.

- FEATURES:**
- Elastic system.
 - Vapor permeable.
 - Resistant to long-term weathering and UV exposure.
 - Low VOC.
 - Can achieve a wide variety of decorative textured finishes.

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

- SYSTEM:**
- **System for Stucco Finish:**
 - Primer: 1 coat of RD-UNIFIX or RD-ELASTOFLEX BC diluted 20%.
 - Detail: RD-ACRYKIT applied to all joints and cracks.
 - Texture: 1 coat of RD-ELASTOFLEX QUARTZ to achieve texture.
 - Topcoat: 1 coat RD-MUR ACRYL.
 - **System for Bridging Minor Active Cracks:**
 - Primer: 1 coat of RD-UNIFIX or 20% diluted RD-ELASTOFLEX.
 - 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 20% diluted RD-ELASTOFLEX.
 - Detail: RD-ACRYKIT applied to all joints and cracks.
 - Waterproofing: 1-2 coats of RD-ELASTOFLEX with or without 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, roughcast roller or low-pressure texture spray gun. (Tip Size 4mm)



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DILUTION: Water

CLEANING OF TOOLS: Water

COVERAGE: Theoretical Coverage / 5 Gallon Container:

- 600 sq. ft. at 8 mils DFT (assuming no waste or variations in the surface).

PARTICULARITIES: Mix well before use.

TECHNICAL DATA

FINISH: Textured

COLORS: White. Custom Colors available upon request.

SOLIDS CONTENT: By Weight: 75 %.
By Volume: 65 %.

VOC CONTENT: Max 40 g/l

DENSITY: Ca. 1.6

FLASH POINT: Non-Flammable

VISCOSITY: 200-250 P (Brookfield, 20 Rpm)

DRYING TIME: To Touch: 6 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.

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.