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	US Revision: 4
<b>RD-ELASTODECK</b>	Date: 10/15/2011
	Supersedes: 03/15/2010
	<b>R11</b>

## DESCRIPTION OF THE PRODUCT

**USE:** Waterborne one component waterproofing product for concrete balconies decks Mechanical Equipment Rooms (MER's) and roofs. Based on styrene-acrylic dispersions.

**FEATURES:** Forms a highly elastic waterproof film.

**SUBSTRATES:** Substrates include but are not limited to:

- EPDM
- Modified Bitumen and BUR
- Can also be applied to concrete, wood, and Tile.

**Note:** Do not apply on PVC roofing or on bituminous substrates that are less than one year old. Always conduct adhesion test to confirm compatibility.

**SYSTEM:**

**Roofs:**

- Porous, non-treated surfaces:
  - Primer: 1 coat of RD-UNIFIX
  - Topcoat: 2 coats of RD-ELASTODECK @ 15-20 mils DFT per coat.
- Bituminous substrates older than one year: direct application of 2 coats of RD-ELASTODECK @ 15-25 mils DFT per coat

**Note:** On flat roofs, the product must be reinforced with RD-ELASTOROOF fleece. The application of a topcoat is not required.

### Balconies & Mechanical Equipment Rooms:

- Primer:
    - Porous surfaces 1 coat of RD-UNIFIX
    - Smooth surfaces: 1 adhesion coat of RD-ELASTODECK diluted with 25% water.
  - Intermediate coats:
    - 2 coats of RD-ELASTODECK @ 10-12 mils DFT per coat reinforced with RD-ELASTOROOF fleece.
  - Topcoat:
    - 1 coat of RD-MONOGRAFF @ 3-4 mils DFT.
- Or
- 1 coat of RD-MUR ACRYL SATIN @ 4-5 mils DFT.

**Note:** If there is steel or other metal surface to be coated, use RD-ELASTOMETAL as the primer, after proper surface preparation.

## APPLICATION INSTRUCTIONS

**PREPARATION OF THE SUBSTRATE:** The substrate has to be clean, dry, and free of dust. In case of moss on the substrate, remove it with a special anti-moss product followed by pressure washing to neutralize the surface. Fill cracks with RD-ACRYKIT.

**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 (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:** In some instances heat can fuse-dry overspray to some surfaces. Always clean dry overspray from hot surfaces before fusing occurs. Be aware that surface temperatures can be higher than air temperature.

**DILUTION:**

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

**CLEANING OF TOOLS:**

Water

**COVERAGE:**

Theoretical Coverage / 5 Gallon Container:

- Roofs:
  - 210 sq. ft. at 20 mils DFT.
  - 145 sq. ft. at 30 mils DFT.
- Balconies:
  - 360 sq. ft. at 12 mils DFT.
  - 180 sq. ft. at 24 mils DFT.

**PARTICULARITIES:**

Mix before use.

**TECHNICAL DATA**

**FINISH:**

Satin

**COLORS:**

Gray (standard) and other colors on request.

**SOLIDS CONTENT :**

By Weight: 64-66%  
By Volume: 55-57%

**VOC CONTENT :**

7 g/l

**DENSITY :**

Ca. 1.25

**FLASH POINT:**

Non-Flammable

**VISCOSITY:**

200 - 220 P (Brookfield 20 Rpm).

**DRYING TIME:**

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

**PACKING:**

5 Gallon Units

**STORAGE STABILITY:**

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



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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.