



<b>PRODUCT DATA SHEET</b>	Page: 1 of 2
	US Revision: 1
<b>RD-FLEXIDECK</b>	Date: 3/27/19
	Supersedes: 7/15/13
	<b>R19</b>

## DESCRIPTION OF THE PRODUCT

**USES:** Waterborne two component waterproofing coating system for concrete roofs, balconies, concrete decks and spandrel flashing. Can be applied in cold temperatures.

**FEATURES:**

- Forms a highly flexible waterproof film which dries and cures at low temperatures, down to 34°F. Can be applied on damp and green concrete that has cured a minimum of 24 hours.
- For exterior floor or deck applications, a top coat is required.

**SUBSTRATES:**

- Substrates include but are not limited to; concrete, concrete block, tile, wood and lightly rusted steel.

**SYSTEM:**

**Concrete Roofs:**

- Primer on porous surfaces: RD-FLEXIDECK diluter 15-25% with water depending on the surface and application conditions.
- Topcoat: 2 coats of RD-FLEXIDECK @ 15mils DFT per coat, with full reinforcing fleece.
- Flat roofs: **3** coats of RD-FLEXIDECK @ 15mils DFT per coat, with full reinforcing fleece, to achieve a minimum thickness of 35mils DFT

**Balconies, Mechanical Equipment Rooms, Parking Decks:**

- Primer: Porous surfaces: 1 coat RD-FLEXIDECK diluter 15-25%
- Waterproofing: 2 Coats of RD-FLEXIDECK @ 15mils DFT per coat, with local or full reinforcing fleece.
- Top Coats: RD-MONOGRAF, RD-MUR ACRYL or RD-Hydropox H.

**As Spandrel Flashing:** over lightly rusted surface

- 2 coats of RD-FLEXIDECK @ 15mils DFT each, with full reinforcing.

## APPLICATION INSTRUCTIONS

**PREPARATION OF THE SUBSTRATE:** The substrate needs to be completely cleaned by means of a high pressure washing or mechanical cleaning. It can be applied to a damp surface when overnight temperatures remain above 32°F.

**APPLICATION CONDITIONS:** Environmental Conditions (general requirements):

- The minimum air and substrate temperatures; 34°F for 4 hours.
- The maximum surface temperature; 110°F.
- The maximum relative humidity; 95%, understanding that the surface temperature must be above the Dew Point, with no threat of rain for 3 hours.

**APPLICATION MEANS:** Brush, roller or airless (tip size: 021–023). (ex. Graco Mark V or equivalent)

**Note:** When applying by roller, always apply the coats crosswise.

**DILUTION:** Water, if necessary. (5-25%, the exact amount of water will depend on the viscosity of the mixture, the ambient temperature and the temperature of the substrate.)



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CLEANING OF TOOLS: Water

CONSUMPTION: Theoretical Coverage 1 Gallons Container:  
▪ 70s/f. at 15mils DFT in 1 coat.

**Note:** The exact consumption is always dependent on the condition and porosity of the substrate.

PARTICULARITIES: Mix before use. Add powder to liquid slowly and mix using a high speed power drill.

#### TECHNICAL DATA

FINISH: Matte

COLORS: Beige, Slate Gray, Gray, Sinkers, Desert Sands, Twine, Black, Fountain Blue

DENSITY : A + B Ca.1.5  
B: 0.96

SOLIDS CONTENT : A + B  
In Weight: Ca. 82.3%  
In Volume: 73%

VOC CONTENT : A + B: Max 1.6 g/L

FLASH POINT: N/A

VISCOSITY: A + B: 350-450 P (Brookfield 20 RPM)  
B: 30-60 P (Brookfield 20 RPM)

DRYING TIME: To Touch: 2 Hours @ 68°F  
To Recoat: 3 Hours @ 68°F

PACKING: 20kg(+/- 5 Gallons) 5kg(+/-1 gallon)

STORAGE STABILITY: Minimum of 12 months, in a frost free and dry place. (both components)

#### 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.