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	US Revision: 3
RD-E DECK SURFACER	Date: 05/15/2013
	Supersedes: 10/15/2011
	R11

DESCRIPTION OF THE PRODUCT

Waterborne, acrylic polymer, high performance, single component coating; filled with an aggregate to produce a flexible filler/surfacer for the RD Coatings products.

USES: To be used as a highly abrasion resistant non-skid coating or thin filler for the RD Coatings systems over steel, concrete or CMU block surfaces.

FEATURES:

- VOC- 7g/l, single package, water-borne.
- Contains no chromates, lead or strong solvents.
- Impact and erosion resistant.
- Resistant to the effects of long-term weathering, UV light, salt water and most environmental chemicals.
- Thixotropic non-sag properties allowing applications in thick layers up to 3/8".

SUBSTRATES:

- Concrete
- CMU Block
- Brick
- Steel

APPLICATION INSTRUCTIONS

PREPARATION OF THE SUBSTRATE: The substrate has to be free of all loosely adhered rust, degreased, dry, and free of dust. Prepare substrates by pressurized water cleaning using 4,000-5,000 psi pressure equipment with a "zero" degree oscillating tip (SSPC SP-12, WJ4). Remove any remaining loose and non-adhering substrate prior to coating. Contact your local RD Coatings representative for detailed information.

RD-E DECK SURFACER may be applied directly to prepared substrate or as part of the RD-E DECK SYSTEM.

APPLICATION CONDITIONS: Environmental Conditions (general requirements):

- The minimum air and substrate temperatures; 45°F for 24hours.
- 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 3hours.

Drying Times Temperature Re-Coat Interval:
60°F (80%RH) 24 Hours
80°F (80%RH) 12 Hours
95°F (80%RH) 6 Hours.

Notes: The above figures are for RD-E DECK SURFACER applied @ 40 wet mils. These figures do not account for airflow; wind speeds of even 5mph will greatly reduce the dry time

APPLICATION MEANS:

- In most cases the surface is applied using a roller.
- RD-E DECK SURFACER can be spray applied using a conventional air assisted texture gun. Following application finish with trowel, roller and/or wet brush to feather material to surrounding substrate.



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DILUTION: Can dilute with ½ % of water to reduce viscosity or add RD-E DECK.

CLEANING OF TOOLS: Water

CONSUMPTION: Theoretical Coverage / 5 Gallon Container:
• 150 sq. ft. @ 40mils DFT

PARTICULARITIES: Mix before use. For field mixing to produce RD-E DECK FILLER add 40lbs of filler to 1 gallon of RD-E DECK using a ½” power drill and mixing blade.
Note: Depending on type and speed of electric mixer 3-4oz of water may have to be added.

TECHNICAL DATA

FINISH: Flat

COLORS: Gray

SOLIDS CONTENT: In Weight: 86%
In Volume: 75%

FLASH POINT: Non-Flammable

DRYING TIME: To Touch: 3-6 hours
To Recoat: 6-24 hours, depending on temperature and humidity.

PACKING: 5 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. (See RD-E DECK MSDS)

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.