RD-E DECK FLOOR SYSTEMS BASIC SUMMARY COATINGS SCHEDULE

RD-E Deck, Waterproofing, abrasion resistant, protective coating systems for concrete floors, decks, MER rooms, stairs, and even metal decks. The following are a variety of RD-E Deck Flooring systems to choose from starting with:

Non-Reinforced, Thin Film System

Product	**Spread/Thickness**
RD-E Deck Primer, thinned 5-10%	800 sf @ 5 mils dft
RD-E Deck Quartz Full Coat	550 sf @ 10 mils dft
RD-Monograff HP Full Finish	1000 sf @ 3 mils dft

Total Dft = 15-20 mils dft

Local Reinforced System at Cracks, Joints Etc. - Mild Non-Skid Finish

Product	**Spread/Thickness**
RD-E Deck Primer, thinned 5-10%	800 sf @ 5 mils dft
RD-E Deck Slurry Full Coat	300 sf @ 20 mils dft
RD-Monograff HP Full Finish	1000 sf @ 3 mils dft

*Total Dft = 28-30 mils***

Application Notes: Details for cracks and joints. The following should be applied **after** the primer has dried:

- For hairline cracks use RD-Acrykit caulk and 2" wide detail coat of RD-E Deck over caulk. Not necessary to route out crack.
- For larger cracks and joints use RD-Acrykit caulk to fill crack and 4" wide mesh and 4" wide detail coat of RD-E Deck. Caulk serves as flexible backer/filler. Reinforced mesh handles crack movement
- After primer has dried, apply RD-E Deck Slurry; after Slurry has dried apply RD-Monograff HP

** System is 28-30 mils over most of the floor and approx. 45 mils on where cracks have been detailed.

Local Reinforced System at Cracks, Joints Etc. - Heavy Non-Skid Finish

Product	**Spread/Thickness**
RD-E Deck Primer, thinned 5-10%	800 sf @ 5 mils dft
RD-E Deck Slurry Full Coat	300 sf @ 20 mils dft
Heavy Sand Broadcast	20-30 lbs/100 sf
RD-Monograff HP Full Finish	800 sf @ 4 mils dft

*Total Dft = 28-30 mils***

Application Notes: for cracks and joints. The following should be applied **after** the primer has dried:

- For hairline cracks use RD-Acrykit caulk and 2" wide detail coat of RD-E Deck over caulk. Not necessary to route out crack.
- For larger cracks and joints use caulk to fill crack and 4" wide mesh and 4" wide detail coat of RD-E Deck. Caulk serves as flexible backer/filler. Reinforced mesh handles crack movement.
- After primer has dried, apply RD-E Deck Slurry. Broadcast sand into wet Slurry at desired rate.
- Intermediate Finish/Grout Coat: If broadcast is close to refusal, may need grout coat of RD-E Deck at 10 mils prior to applying Monograff finish. This adds approx. $0.90/sf to system.
- Use of grout coat should be discussed depending on job circumstances and mock-up.
- Apply RD-Monograff HP finish.

** System is 45-50 mils on entire floor. The broadcast bulks the 20 mils of RD-E Deck Slurry to approx. 35-40 mils dft, plus 5 mils primer plus 4 mils finish = approx. 45-50 mils dft. Where cracks have been detailed system is 55-60 mils dft

100% Reinforced System, Heavy Duty, Thick Film, Mild Non-Skid

Product	Spread/Thickness
RD-E Deck Primer, thinned 5-10%	800 sf @ 5 mils dft
RD-Fleece Octagonal Mesh-48" all over	960 sf (40"x 325')
RD-E Deck Slurry Full Coat	240 sf @ 25 mils dft
RD-Monograff HP Full Finish	1000 sf @ 3 mils dft

*Total Dft = 35-40 mils***

Application Notes: for cracks and joints. The following should be applied **before** the primer is applied:

- For hairline cracks use 2" wide detail coat of RD-E Deck. No caulk or strips of mesh required. Not necessary to route out crack.
- For larger cracks and joints use 2" wide detail coat of RD-E Deck to prime bare concrete. Then apply RD-Acrykit caulk.
- After crack detailing, lay full mesh over bare concrete and apply primer through mesh.
- After primer has dried, apply RD-E Deck Slurry; after Slurry has dried apply RD-Monograff HP

** System is 35-40 mils over most of the floor and approx. 45-50 mils where cracks have been detailed prior to installing full mesh and rest of system

* For full reinforced system a combination of different sizes of mesh/fleece are used 4" wide up to 48" wide.

100% Reinforced System, Heavy Duty, Thick Film, Heavy Non-Skid

Product	Spread/Thickness
RD-E Deck Primer, thinned 5-10%	800 sf @ 5 mils dft
RD-Fleece Octagonal Mesh-48" all over	960 sf (40"x 325')
RD-E Deck Slurry Full Coat	240 sf @ 25 mils dft
Heavy Sand Broadcast	20-30 lbs/100 sf
RD-Monograff HP Full Finish	800 sf @ 4 mils dft

*Total Dft = 50-60 mils***

Application Notes: for cracks and joints. The following should be applied **before** the primer is applied:

- For hairline cracks, use 2" wide detail coat of RD-E Deck. No caulk or strips of mesh required. Not necessary to route out crack.
- For larger cracks and joints, use 2" wide detail coat of RD-E Deck to prime bare concrete. Then apply RD-Acrykit caulk.
- After crack detailing, lay full mesh over bare concrete and apply primer through mesh.
- After primer has dried, apply RD-E Deck Slurry. Broadcast sand into wet Slurry at desired rate.
- Intermediate Finish/Grout Coat: If broadcast is close to refusal, may need grout coat of RD-E Deck @ 10 mils prior to applying Monograff finish. This adds approx. $0.90/sf to system.
- Use of grout coat should be discussed depending on job circumstances and mock-up.

** System is 50-60 mils on entire floor. The broadcast bulks the 25 mils of RD-E Deck Slurry to approx. 45-50 mils dft, plus 5 mils primer plus 4 mils finish = approx. 50-60 mils dft. System approx. 60-70 mils dft where cracks have been detailed.

*For full reinforced system a combination of different sizes of mesh/fleece are used 4" wide up to 48" wide.

100% Reinforced System, Heavy Duty, Thick Film, Mild Non-Skid, Cracks Throughout

Product	Spread/Thickness
RD-E Deck primer, thinned 5-10%	800 sf @ 5 mils dft
RD-Fleece Octagonal Mesh-48" all over	960 sf (40"x 325')
RD-E Deck Full Coat	500 sf @ 8 mils dft
RD-E Deck Slurry Full Coat	300 sf @ 20 mils dft
RD-Monograff HP Full Finish	1000 sf @ 3 mils dft

*Total Dft = 45-50 mils***

Application Notes: for cracks and joints. The following should be applied **after** the primer is applied and before the mesh and 2nd full coat of RD-E Deck:

- For hairline cracks, use 2" wide detail coat of RD-E Deck. No caulk or strips of mesh required. Not necessary to route out crack.
- For larger cracks and joints: Apply RD-Acrykit caulk.
- After primer and crack detailing have dried, lay full mesh over concrete and apply 2nd full coat of RD-E Deck through mesh.
- After 2nd full coat of RD-E Deck has dried, apply Slurry. After Slurry dries apply RD-Monograff HP.

** System is 45-50 mils over most of the floor and approx. 55-60 mils where cracks have been detailed prior to installing full mesh and rest of system.
*For full reinforced system a combination of different sizes of mesh/fleece are used 4" wide up to 48" wide.

100% Reinforced System, Heavy Duty, Thick Film, Heavy Non-Skid, Cracks Throughout

Product	Spread/Thickness
RD-E Deck Primer, thinned 5-10%	800 sf @ 5 mils dft
RD-Fleece Octagonal Mesh-48" all over	960 sf (40"x 325')
RD-E Deck Full Coat	500 sf @ 8 mils dft
RD-E Deck Slurry Full Coat	240 sf @ 25 mils dft
Heavy Sand Broadcast	20-30 lbs/100 sf
RD-Monograff HP Full Finish	800 sf @ 4 mils dft

*Total Dft = 60-70 mils***

Application Notes: for cracks and joints. The following should be applied **after** the primer is applied:

- For hairline cracks: Use 2" wide detail coat of RD-E Deck. No caulk or strips of mesh required. Not necessary to route out crack. For larger cracks and joints apply Acrykit caulk.
- After priming and crack detailing have dried, lay full mesh over concrete and apply 2nd full coat of RD-E Deck through mesh.
- After 2nd full coat of RD-E Deck has dried, apply Slurry. Broadcast sand into wet Slurry at desired rate.
- Intermediate Finish/Grout Coat: If broadcast is close to refusal, may need grout coat of RD-E Deck at 10 mils prior to applying Monograff finish. This adds approx. $0.90/sf to system.
- Use of grout coat should be discussed depending on job circumstances and mock-up.

** System is 60-70 mils on entire floor. The broadcast bulks the 25 mils of RD-E Deck Slurry to approx. 45-50 mils dft, plus 5 mils primer, plus 10 mils RD-E Deck plus 4 mils finish = approx. 60-70 mils dft. System approx. 70-80 mils dft where cracks have been detailed.
*For full reinforced system a combination of different sizes of mesh/fleece are used 4" wide up to 48" wide.

Specifier Notes: This product selection guide is written according to the Construction Specifications Institute (CSI) Format, including *Master Format*, *Section Format*, and *Page Format*, contained in the CSI *Manual of Practice.*

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the drawings.

Delete all "Specifier Notes" when editing this section.

Specifier Notes: This section covers RD-E Deck high-performance coating systems for Commercial facilities.

This schedule is only a guide listing various coating system options for various environments and should not be used as a final specification. Additional coating systems not listed in this schedule are available, and may be more appropriate for your coating application. To finalize this coatings schedule, please contact www.rdcoatingsusa.com

Most coatings specified contain organic solvents. Consult RD Coatings for compliance to local VOC regulations.

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May 2020