

## GENERAL GUIDE: STEP BY STEP INSTRUCTIONS FOR REPDECK SD MODIFIED MIX WITH TEXTURE AND COATING REPAIR

### COMPLETE DECK PREPARATION

1. Remove all loose and foreign materials by power washing and mechanical means without damaging existing substrate.
2. Seal all joints and cracks to level (flush) with **RepSeal NS** sealant; take care to no smear coating outside joint and cracks edge. (Tool sealant to be level with deck, no sagging or depression). \*Please see **RepTape JC** Application below.
3. Apply a cove bead of **RepSeal NS** sealant to all perimeter of area to be coated along with any arm rail attachments.
4. Confirm area to be coated is clean of loose and foreign materials and completely dry of moisture before applying any coating materials. **RepDeck SD** should be applied at a temperature of 20 degrees and above. Curing time will depend on temperature. Avoid deck temperatures rising above 90 degrees will aid when treating pinholes.

### RepTape JC APPLICATION

1. Clean joint to prevent adhesion issues of sealant. Apply **RepSeal NS** sealant flush with deck neat (do not smear on deck).



2. Remove the release liner to expose the adhesive surface of the **RepTape JC** tape and apply it directly over the center of the joint or crack using hand pressure. Butt join only, do not overlap **RepTape JC** tape.



3. Use a firm 4" putty knife to complete application **RepTape JC** tape is pressure activated and requires firm downward pressure to activate its full adhesion benefits).



#### Modified RepDeck SD Base Coat Mixing With Color Pigment

1. Premix **RepDeck SD** 4 gallon side **A** pail and mix thoroughly from bottom to top with a 5 gallon pail mixing paddle. Keep the paddle submerged in the coating so as not to induce air into the coating. Mix until homogeneous in color with no color streams. Add selected color pigment and mix until homogeneous in color with no color streaming or streaking.



2. Pour 1gal (128oz) of the premixed **RepDeck SD A** side basecoat with pigment into a clean and empty 5 gallon pail.



3. Pour 40 ounces of the premixed **B** side catalyst and 10 ounces of Xylene into the premixed **RepDeck SD A** side gallon pail and mix thoroughly until a homogeneous mixture and color is attained.



Note: you may increase batch sizes depending on size and location of project; mix quantities based on what can be applied at a controlled pace.

Note:

*The **RepDeck SD** may be used to fill deep pockets or voids in the concrete.*

*If there are pinholes in the concrete surface, the **RepDeck SD** may be diluted 10% with xylene and extra catalyst may be used to fill the pinholes. (See mixture Below)*

**Modified RepDeck SD:**

1 gallon premixed A side (128oz)

40oz premixed B side

10oz of xylene

**RepDeck SD- Modified Basecoat Application First Coat at 20 wet mils**

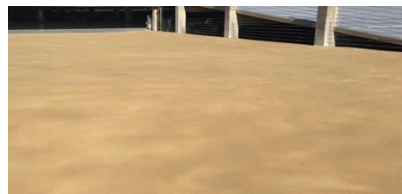
1. Apply coating using a flat squeegee confirming all depressions are filled level with **RepDeck SD** basecoat and backroll with 3/8" lent free nap roller at 80sf/gal yielding 20 wet mils (confirm final mils with a mil gage). Note that pitted and pores concrete may require additional material to obtain the desired 20wetmils.



2. A xylene wet chip brush will knock down material build up and aid with featheredge application when material is still fluid.



1. Broadcast 16/30 or 12/20 mesh round silica sand at 80 percent of refusal into wet basecoat (confirming sand doesn't sink) at 15lbs-20lbs/100SF (cover the entire area of the deck).



2. Allow coating to completely dry before proceeding to second coating. Curing time will be faster in warmer humid conditions and slower with colder temperatures.
3. Sweep off any Excess Sand before applying next coating.

### **Modified RepDeck SD Second Coat Application**

1. Mix in accordance with the above **Modified RepDeck SD Base Coat Mixing with Color Pigment.**
2. Flat squeegee and backroll **RepDeck SD** EVENLY at 80sf/ft per gallon with a 3/8" nap roller yielding 20wetmils.



\* A 3/8" NAP ROLLER is acceptable to apply where no coated sand is present. Coating must never cover sand as to create a slippery surface by hiding too much of the sand.

\*\*Note: Additional sand aggregate may be broadcast into wet topcoat via the rain method. Please contact PSI Technical Support inquiry assistance.



**RepDeck SD Minimum Coverage Rate Summary:**

*RepDeck SD first coat Basecoat – 80sq/ft p/gal. 20wetmils(Coverage rate based on depression depths)*

*Sand broadcast –15-20lbs p/100sq/ft.*

*RepDeck SD Second coat Topcoat – 80sq/ft p/gal. 20wetmils(pedestrian traffic).*

**SURFACE PREPARATION AND APPLICATION FOR REPAIRS**

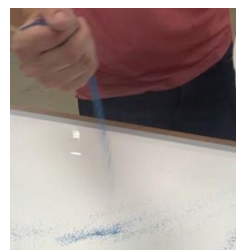
1. Remove all loose coating and foreign materials from damaged area by mechanical means until all the loose coating is back to soundly adhered coating of the deck. Feather edge and bevel the outer perimeter of damaged area.



2. Clean the damaged deck area with xylene and a clean white cloth. Confirm all surface area is moisture free(completely dry) before proceeding with any coating application.



3. Fill in void or damaged area with the **RepDeck SD** modified mixed basecoat until level with surface/existing coating and feather edge with xylene wet chip brush while material is still fluid. A light sand Broadcast or Aluminum oxide May be added into wet basecoat to blend into existing deck. Note: a second coat may be required to cover up any exposed sand or to featheredge blend more of repairs edges (blue quarts used to show light to heavy sand broadcast required for blending repair edges into coating).



4. Allow pedestrian traffic when coating is tack free and completely dry.



*The content above is intended to inform and provide step by step instruction for general repairs and application. TuffTex Materials, Inc. suggests performing a mock-up and thoroughly reading material data sheets, recommended care and maintenance manual in conjunction with all content included before applying any materials. Please visit our website for additional information or call us direct to speak to a representative.*

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*Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local TuffTex representative or visit our website for current technical data and instructions.*

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