

POLY-TUFF SYSTEMS INTERNATIONAL

2250 E. Tropicana Ave
Suite 19-600
Las Vegas, NV 89119



Phone: (866) 977-8833
Fax: (800) 804-0182
Email: sales@polytuffus.com
Web: www.polytuffus.com

PSI Tech-Note

11/2/2010

Repair of and Recoating of Existing Deck Coatings

The following outline provides the essential outline for the Traffic Deck Coating and repair or recoating with Poly-Tuff Deck Coatings. The existing coating must be thoroughly clean and dry prior to the repairs. And, all loose and unadhered coating must be removed either by mechanical or high pressure power washing.

SURFACE PREP

1. Clean surface by whatever means necessary to supply a clean surface, either by 3,000 psi power-wash, scarifying and shot blasting.
2. Remove any previously applied deck coating blisters or unadhered coating from the surface by grinding out the blister and leaving a beveled edge on the outside edge of the coating to allow as smooth transition.
3. Prime and fill blisters with P-Tuff Classic or E-Tuff 100 base coat or sand slurry.

JOINTS AND CRACKS

1. Seal all joints and cracks with E-101 Joint Sealant.
2. Where sealing over existing cracks and joints, flush the joint level with the deck with E-101 Joint Sealant.
3. Apply Enviro-grip primer over 4" On Center over joint and allow to become thumbprint tacky to dry.
4. Apply Super Seal Tape 4" On Center over joint and primed surface.
6. Allow the surface to cure for 1 to 2 hours.

Priming

A. Prime remainder of surface with Envirogrip® primer at a rate of 1 gallon (mixture of Part-A & Part-B) 300 sq. ft. (0.14 liters/m²). Apply using a brush or phenolic core roller. This will result in 3 dry mils (76 microns) of coating. **Do not prime over Super Seal Tape. Use Primer 555 over existing urethane coatings.**

B. Allow PSI Primers to become firm and thumbprint tacky before proceeding to Coating First Application. Do not allow primer to puddle. Apply primer in an even thin coat.

C. Metal flashings should be wiped with a rag with xylene solvent wipe to remove loose particles or oil film. Apply Super Seal Tape on the metal flashing where coating will be applied. Super Seal Tape should be applied by firm downward hand pressure across the entire tape.

Coating Application

A. Apply P-Tuff® Classic mixed material to substrate at a rate of 2-3 gallons/100 sq. ft. Application will require more or less material depending on substrate conditions.

B. Use a notched trowel or squeegee to spread P-Tuff® Classic mixed material evenly over the entire surface to an even coating hiding the repair areas.

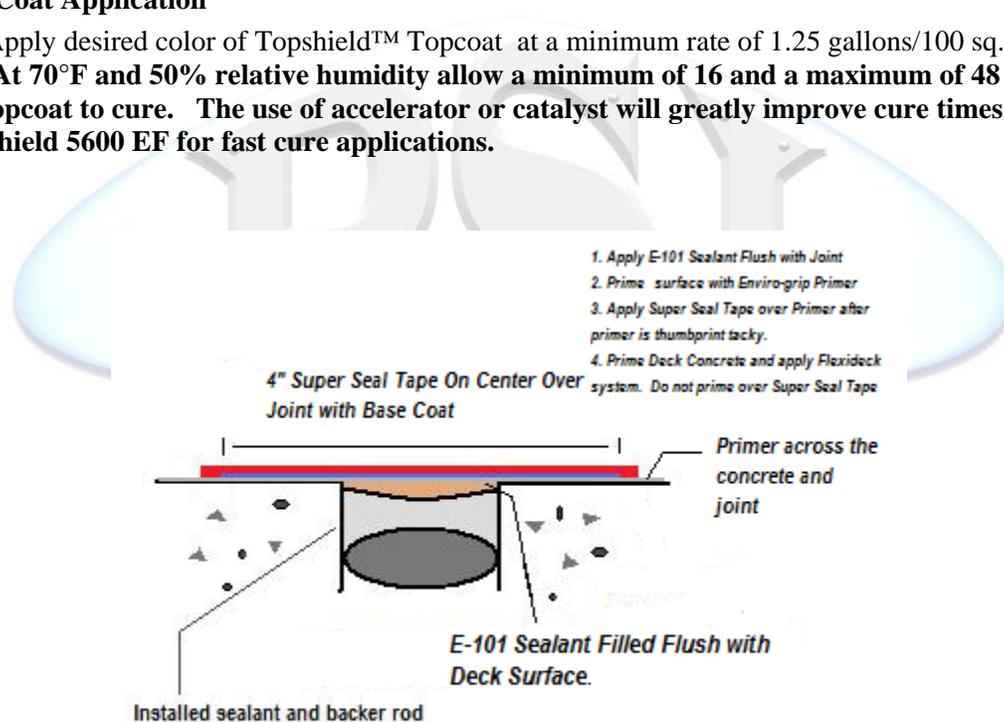
C. When P-Tuff® Classic mixed material begins to slightly gel, broadcast 16-30 mesh silica sand till refusal. The amount of rubber used will vary. (Normal usage is 20 lbs /100 sq. ft.)

D. When the P-Tuff™ Classic mixed material is stiff enough to support the weight of the installer without damaging the coating, or when coating is dry (approximately 2-3hours), remove all loose aggregate, preferably by vacuum.

Top Coat Application

A. Apply desired color of Topshield™ Topcoat at a minimum rate of 1.25 gallons/100 sq. ft.

B. At 70°F and 50% relative humidity allow a minimum of 16 and a maximum of 48 hours for topcoat to cure. The use of accelerator or catalyst will greatly improve cure times. Use Topshield 5600 EF for fast cure applications.



Consult the related data sheet or call 866.977.8833 for further information.

Bob Clanton

Bob Clanton
National Sales Manager
702.343.7067