



## **Deck-Sil System Procedures and Equipment Requirements**

### **1. Surface Preparation**

- 1.1. Shot blast/Blow off residue
- 1.2. Power wash/allow 24 hours dry time
- 1.3. Duct tape joints

### **2. Silane Application**

- 2.1. Using spray bar apply Silane at 100 sq. ft. per gallon
- 2.2. Do not allow Silane to puddle excessively
- 2.3. Use squeegee to relocate puddles
- 2.4. Allow to dry approximately 1 hour

### **3. Epoxy Application**

- 3.1. Measure and mark off 1,000 sq. ft. areas
- 3.2. Mix 5 gallons part A with 5 gallons part B
- 3.3. Mix for 3 minutes using paddle type mixer
- 3.4. Pour mixed epoxy directly into large cracks
- 3.5. Pour remainder of epoxy on uphill side and broom evenly
- 3.6. Repeat for every 1,000 square feet

### **4. Sand Application**

- 4.1. Allow epoxy in first 1,000 feet to flow and dry for 20 minutes
- 4.2. Broadcast sand at approximately 1 pound per square foot.

### **5. Return to Service**

- 5.1. Allow 4-6 hours of dry time