

## **GRINDLINE SKATEPARKS, INC. PREVENTATIVE MAINTENANCE SCHEDULE**

Sacking, Patching and Crack Repair – as necessary

Grindable Concrete Edges –once every two months

Steel Rails and Coping – once every six months

Graffiti Removal – immediately

Resealing of Concrete Surfaces – every year

\*Grindline does offer Maintenance and Repair services for your skatepark, to keep it in the condition it was in at the completion of construction. Please contact us if interested in setting up an annual maintenance programs.

## GRINDLINE SKATEPARKS, INC. PREVENTATIVE MAINTENANCE INSTRUCTIONS

### General Sacking and Patching

Minor spalling of concrete is likely to occur from damage of BMX bikes and skateboard trucks. Spalled area should be repaired with a cementitious mortar. A recommended product is Ardex Concrete Patch or. Apply per manufacturer's recommendations.

Hairline cracks are typical in a Skatepark and do not need to be treated. However larger separated cracks may form and should be repaired. Cracks showing minor separation should be filled with a liquid crack sealer (Sonneborn SL 1 & 1A or equivalent). Cracks with larger separation need to be chased and filled. This can be done by using a 4" angle grinder with a crack chaser blade attached. This will create a "V" groove at the surface of the crack. The groove should then be filled Ardex Concrete Patch or equivalent. Spalling and cracks should be repaired **as necessary**.

### Grindable Concrete Edges

Concrete edges and Precast Pool Coping Blocks that skateboarders can grind should be treated with Rust-Oleum Specialty Lacquer Clear Spray Paint. This can be purchased at The Home Depot in the staining/painting department. Edges should be treated **once every two months**.

### Steel Rails and Coping

Exposed steel in the Skatepark shall be painted with "Rust-oleum Professional Enamel" spray paint. This can be purchased at The Home Depot in the staining/painting department. Exposed metal should be painted **once every six months**.

### Grindline Graffiti Removal Tips for Concrete Skateparks

First option: Use Elephant Snot Graffiti Removal Solution per manufactures recommendations. Apply with brown plastic pad with small nubs (similar to Scotch Brite pads). Use pads that are attached to a pole so that better leverage can be forced. Use with rags to remove graffiti. Graffiti should be **removed immediately**.  
Alternative cleaning solutions:

- Graftech Aerosol spray (turns to gel when sprayed on).
- Lacquer Thinner
- Goo Be Gone
- Goof Off
- Worlds Greatest Graffiti Remover
- Elephant Snot

### Re-Sealing of Concrete Surfaces

Concrete Surfaces should be resealed with a high-end penetrating sealer to protect the concrete from wear. Concrete surfaces should be resealed **once every two years at a minimum**. This is a service Grindline can provide.

**REPAIR MATRIX**

<b>PROBLEM</b>	<b>SOLUTION</b>	<b>PRODUCT</b>
Cracks larger than 1/4" appear in skate park flat surfaces.	Fill Cracks with Epoxy Resin or Polyurethane Elastomeric Sealant	Set 22 by Simpson, Sikadur Crack Fix Product or Sikadur SL-1
Cracks larger than 1/4" appear on shotcrete surface walls.	Fill Cracks with Structural Concrete Patch	SikaQuick 1000
Sack and Patch Vertical Concrete Walls	Concrete Patch	Ardex Tilt Wall Patch
1/4" saw-cut joints and/or tooled joints are chipped greater than 1/4" on either side.	Fill joint with flexible epoxy control joint sealer/adhesive or Polyurethane Elastomeric Sealant	SIKA-Silkadur 51 NS/SL Flexible Epoxy Adhesive Sikadur SL-1
1/4" saw-cut joints and/or tooled joints are retaining water and need joints filled.	Fill joint with flexible epoxy control joint sealer/adhesive.	SiLKA-Silkadur 51 NS/SL Flexible Epoxy Adhesive Sikadur SL-1
Expansion Joint Sealant needs replacement in surface where wheels ride over.	Polyurethane Elastomeric Sealant	Silkaflex-1A SL
Expansion Joint Sealant against vertical skate park surfaces needs replacement.	Fill joint with Polyurethane Elastomeric sealant.	Silkaflex-1A, NS/SL
Graffiti present of skate park surfaces.	Apply "Kick" Graffiti remover per manufactures directions. Use smooth brush only to remove after application.	Motsenbockers Lift Off Graffiti Remover