



**VIRGINIA  
ABRASIVES**

# KODIAK PRO Grinding and Polishing System

Proprietary system using the highest quality cost-effective tools.

Floor must be clear of all mastics, glue, thinset, epoxy, paint, etc. All nails, bolts, rebar, or metals protruding through the concrete should be removed with a hand angle grinder. All cracks should be filled prior to beginning the polishing process.

## Step by Step KODIAK PRO Polishing System for Concrete

### STEP 1: Kodiak Frost Tooling Floor Preparation (350-400 RPM)

- Start slow with 30 grit, increase machine speed gradually as the floor opens up.
- Next use 60 grit until all scratches are removed.
- Once completed, vacuum thoroughly to remove all debris.

### STEP 2: Transition Hybrid/Resin (400-450 RPM)

- Change to Hook Back Adapter plate and apply 100 grit resin tooling onto plate.
- Once surface is smooth and scratch free, vacuum thoroughly.

### STEP 3: Densification

- Use pump sprayer and floor application to apply and work in chemicals.
- Apply enough to saturate pores while ensuring there are NO PUDDLES.
- Leave until surface appears dry (time varies based on temperature and relative humidity).

### STEP 4: Polish (550-600 RPM)

- Use 200 grit resin tooling across the entire floor, vacuum when complete.
- Use 400 grit resin tooling across the entire floor, vacuum when complete.
- Use 800 grit resin tooling across the entire floor, vacuum when complete.

### STEP 5: Burnish (600-650 RPM)

- Use green burnishing pad for the final shine, removing any remaining resin marks.
- Grey side attaches to Velcro plate, green faces the floor.
- Vacuum thoroughly throughout and upon completion of this process.

### STEP 6: Apply Sealer (650-700 RPM)

- Moisten clean floor applicator pad with sealer and apply to the floor with pump sprayer (reduces streaks).
- Apply in thin, even coats, to work in chemicals (do not reuse densifier pad).
- Allow to fully dry.

**LAST STEP: Ensure burnishing pads are debris free and burnish one last time.**

