

# Maintenance Guidelines for Knight Quartz Flooring as Recommended by JohnsonDiversey

## Stripping Guidelines

The following are general guidelines for stripping a floor. Please follow the instructions offered by the manufacturer of the stripping product. Maintenance protocols and procedures may vary depending on flooring environments and products utilized. A protective finish is applied during the manufacturing process, to protect the surface of the tile during packing, shipping and delivery. This does not serve as an independent wear surface and based on desired results, we recommend that you refer to both the Stripping and Finishing Guidelines.

- Refer to MSDS for proper use of PPE (Personal Protective Equipment)
- Always use caution tape and wet floor signs when performing any wet maintenance
- Only use product per label directions

1. Initial maintenance should only begin after the tile has been properly cured and bonded to the subfloor. Check with adhesive manufacture for proper cure times before conducting next steps.

2. Remove all objects that can be moved from the area to be finished. To prevent unwanted entry in to work area, cordon area using caution cones and/or safety tape and lock any doors leading on to the floor, if safety allows.

2. Carefully scrape away tape, labels, gum or attached surface debris while avoiding any damage to floor. Sweep and or dust mop the floor to remove all dirt and grit.

3. After reading all directions and cautions, apply either **Freedom SC by JohnsonDiversey** or **G-Force by Butcher's** @ recommended dilution ratios as suggested on the label. Utilize a blue or a green pad.

4. Large areas are best controlled by stripping in stages. DO NOT ALLOW STRIPPER TO DRY ON FLOOR.

5. Scrub the floor using a machine equipped with the correct stripping pad or brush. NOTE: Check to be sure the machine used is applying adequate pressure to the pad in order to ensure effective removal of old finish. In harsher environments, a weighted machine may offer best results.

6. After scrubbing is complete, test to see if all old finish has been successfully removed. Using a squeegee, pull stripper solution to expose a small portion of floor. With a putty knife apply firm pressure and push the blade across the floor for several inches. If any sticky, gummy residue is collected all the old finished has not been removed. The stripping process will need to be repeated. Conduct this test wherever incomplete release of finish is suspected.
7. When finish removal is complete pick up cleaner solution with wet dry vac or auto scrubber.
8. Rinse floor thoroughly, but do not "flood floor" and allow floor to dry completely.

### **Floor Finish Application Guidelines**

1. Post "Wet Floor" signs.
2. **OPTIONAL STEP:** After the floor has been properly stripped, rinsed and allowed to dry, apply two medium (2,000 sq. ft. per gallon) coats of **Undercover Sealer by JohnsonDiversey or Iron Stone by Butcher's** to the floor.
3. **Any JohnsonDiversey or Butcher Finish product may be used to finish the floor.**
4. Finish may be applied using a lamb's wool applicator, gravity flow applicator, or rayon mop. Typical commercial applications employ the mop and bucket technique. To avoid contamination of floor finish always use new, rayon, "Finish" mop heads specifically designed for the application of floor finish.
5. Line the mop bucket with a new plastic trash can liner before pouring in the finish. This will ensure against product contamination while aiding in clean-up.
6. Add Floor Finish to the bucket, do not dilute. Load the mop head by submerging in finish. Avoid allowing handle to make contact with finish. Agitate gently while allowing the head to absorb finish.
7. Lift mop over bucket, allow excess finish to drain from head. NOTE: Do not wring mop. Wringing excess from a finish mop forces air bubbles into the product and can contribute to a poor job.

8. A standard “figure-eight” pattern is suggested in applying finish as it allows for the most effective and efficient delivery of finish to floor.

9. Applying 2 coats is standard protocol with Knight Quartz tile. In heavy traffic areas 3 coats may be preferred. Do not apply more than 4 coats in a 24 hour period. Additional coats may be applied on the following day, only after thoroughly cleaning the floor.

10. In multiple coat application, be sure previous coat has been dry (tack free) for at least 10-15 minutes. (Usually 45-60 minutes are required between coats.)

11. Never use a fan to speed-up or “shock dry” a floor. Shock drying contributes to uneven drying and can lead to “streaking” of subsequent coats and job failure. Dry time varies. Humidity and temperature; ventilation and film thickness all have an impact on dry time.

### **Daily Maintenance Guidelines**

1. Sweep and/or dust mop the floor daily to remove surface dirt.
2. Post “wet floor” signs.
3. Damp mop or auto scrub floor using **Raindance** or **Prominence** products according to label instructions. Use red pad for daily maintenance.

### **Spray Buffing/High Speed Buffing Guidelines (if desired)**

#### **Spray Buffing – using 175 r.p.m. machine and appropriate spray buff pad**

1. Sweep and/or dust mop the floor daily to remove surface dirt.
2. Post “Wet Floor” signs.
3. Damp mop or auto scrub using **Raindance** or **Prominence** products according to label directed use. Spray a light mist of **Speedtrack Clean & Burnish** to a small area and buff using a red spray buff pad for this operation.
4. Be sure the floor is clean and dry before starting this procedure.

### **High Speed Buffing – using 1500 r.p.m. cord electric**

1. Sweep and/or dust mop the floor daily to remove surface dirt.
2. Damp mop or auto scrub using **Raindance or Prominence** products according to label directed use. Use the appropriate buffing pad. If needed, use **Speedtrack Clean & Burnish** to remove scuffs. Spray a light mist to a small area and buff. Be sure the floor is clean and dry before starting this procedure.

### **Recoat Procedure**

1. Sweep and/or dust mop to remove surface dirt.
2. Post “Wet Floor” signs
3. Thoroughly clean using **Prominence or Hot Springs** products and a blue or green scrubbing pad. This can be done with a **175-rpm swing machine or auto scrubber**.
4. Rinse floor well and allow too dry.
5. Recoat using two (2) coats of the appropriate desired **JohnsonDiversey or Butcher’s Floor Finish**.

### **CAUTION!!!**

- Always clean floor before buffing. Do not buff a dirty floor.
- Turn pad often to prevent build up.
- Buffing is recommended on coated flooring only.
- Do not buff in one place too long, as burn marks may occur.

### **Complete Stripping and Recoating**

1. For complete stripping and recoating procedures, please refer to the beginning of this document and follow the necessary steps and procedures outlined.

## Glossary

### **Black Floor Pads**

- Used for heavy wet stripping.
- Strips away wax and dirt quickly.
- Great for removing wax, dirt and floor finish.

### **Green Floor Pads**

- Heavy duty wet scrubbing.
- Will remove dirt and light coats of finish.
- Great for removing scuff marks

### **Blue Floor Pads**

- Great floor pad for wet scrubbing.
- Removes light scuff marks and dirt.
- Can be used for heavy duty spray buffing.

### **Red Floor Pads**

- Light cleaning and buffing.
- Removes light scuff marks and dirt.
- Produces a high gloss shine.
- Great floor pad for spray buffing.

### **White Floor Pads**

- Great floor pad for polishing clean and dry floors.
- Used for damp and dry polishing.
- Produces a high gloss shine

### **UHS Floor Pads**

- Ultra high speed floor pad.
- Used for wet burnishing to remove black heel marks.
- Won't remove floor finish.

### **Grizzly Hair Floor Pads**

- Blend of natural fibers.
- Great floor pad for minimal burnishing.
- Produces a super high gloss shine.

### **NOTE:**

- **To obtain information on the use of other JohnsonDiversey products not listed or if additional information is needed, please contact JohnsonDiversey Technical Support @ 1-800-558-2332.**
- **To obtain information on the use of other Butcher's products not listed or if additional information is needed, please contact Butcher's Technical Support @ 1-800-225-9475**

James A. Verwey | SR. Customer Technical Support Consultant | JohnsonDiversey, Inc. 8310 16th Street Sturtevant, WI. 53177-0902 |

**Knight Quartz Flooring**