



## **EPOXY-BASE SEAMLESS SURFACER APPLICATION INSTRUCTIONS**

### **1. Surface Preparation**

Over Wooden Substrates: Do not apply over tongue and groove hardwood flooring. Make sure subflooring is solid and free of movement. Existing plywood must be clean and free of any residue from mastic or any other agent or chemical. If laying new subflooring, use plywood underlayment of at least 1/4", with the good side up. Luan is not recommended, because of possible de-lamination. Fill seams or gaps with Water Putty or equivalent and allow to dry; then sand smooth. Perimeter gaps may be filled with latex caulking and allowed to dry.

Over Cement Substrates: Cement surfaces must be clean and free of any oil, grease, loose paint, mastic, or residue from any cleaning agents or chemicals. If cleaning or neutralizing cement prior to application of Flex Bon, use an agent that does not leave a residual film, such as Tri Sodium Phosphate. Rinse thoroughly and allow to dry. Recommended preparation for cement floors is scarifying or sanding with extra coarse sandpaper of at least #36 grit. Muriatic acid or other liquid etching solutions are not recommended. Fill all holes, seams, cracks, etc. with patching compound and allow to dry. New cement must be cured at least 28 days before applying Flex Bon. Sealed or very smoothly-finished new cement must be scarified or sanded before applying to provide adhesion for Epoxy Base Coat.

Over Other Substrates: Flex Bon may be applied over many existing surfaces such as linoleum, vinyl tile, laminates, etc. Please call to check suitability before application if there is any question concerning use over any substrate.

### **2. Epoxy Base Coat Application With Flakes**

Pour Epoxy Part 2 into Epoxy Part 1 and mix well for 3-5 minutes. An electric drill mixer is recommended. Use immediately after mixing. Pot life of mixed parts of Epoxy is approximately 45 minutes @ 70 degrees F.. Use nylon brush for cutting in; use roller with 3/8" nap cover and phenolic-treated core for main application of base coat. Roll an area no larger than you can reach (4' x 4') and then broadcast flakes into wet Epoxy. Flake coverage is designed to result in showing approximately 50% of the base coat after flaking. Repeat this process until entire surface is coated and flaked. Allow to cure 12-16 hours @ 70 degrees F.. Note: Epoxy will not cure properly if temperature of area is below 65 degrees F.. Curing time of Epoxy is directly related to temperature; i.e. The higher the temperature, the quicker the cure time, the lower the temperature the slower the cure time. Incomplete or improperly mixed parts of Epoxy 1 and 2 will not cure. Discard brushes and roller covers after use with Epoxy.

### **3. Sanding And Glazing**

After Epoxy Base Coat with flakes has cured, sand entire area thoroughly using #50 grit sandpaper. An electric vibrating sander works very well for this. After sanding, sweep and vacuum up dust. Helpful tip: Wearing plastic bags over your shoes will help keep from tracking dirt onto the floor. Likewise, cover the wheels of the vacuum cleaner with masking tape to prevent tracking dirt. Always use clean tools when sweeping or vacuuming. Apply Johnson's Seamless Floor Glaze AC by brush or roller (same type cover as for Epoxy Base Coat) to surface in two thin, even coats. Allow a minimum of 6 hours between coats. If desired, non-skid beads may be stirred into the glaze before the final coat is applied, at a ratio of 3 oz. per gallon. Allow to set overnight after final coat before using surface for foot traffic. Note: If surface is re-

glazed after 24 hours, it must be sanded lightly to ensure adhesion for the next coat of glaze. Discard brushes and roller covers after use with glaze.

#### **4. Maintenance And Repair**

Once the Flex Bon Seamless Surfacer has been applied, maintenance is very simple. Mop with hot water and a small amount of cleanser. Use a cleaning agent that does not leave any residue or film, as this will dull the high-gloss finish of the glaze. Rinse thoroughly and allow to dry.

If an area should become damaged, Flex Bon is easy to repair. For damage caused by dropping a heavy object, usually the area can simply be sanded with #50 grit sandpaper and touched up by using Johnson's Seamless Floor Glaze AC and a few flakes. To repair larger areas, determine the cause of the damage before repairing. Damage caused by structural or inherent problems may be repairable, but will recur unless the underlying problem is corrected.

#### **Notes And Cautions**

- Store all materials at room temperature of at least 60 degrees F. prior to use.
- Always provide adequate ventilation when using materials.
- Mixed portions of Epoxy Base Coat will not keep. Unmixed portions will keep indefinitely. Use a ratio of 3 parts of Part 1 to 1 part of Part 2 when mixing less than complete kit.
- Partial cans of glaze will not keep. Transfer to smaller, airtight, lined metal can.
- For garage applications, vehicles must be kept off floor for at least 7 days to allow proper curing of glaze.
- Keep all materials out of the reach of children.
- If you have any questions concerning preparation, application or maintenance please call Flex Bon toll free at 1-888-331-3860.

Guarantee: Flex Bon products are guaranteed to produce excellent results when applied in strict accordance with directions. However, due to various methods of application and substrates to be covered, Flex Bon cannot be responsible for final results. The responsibility of Flex Bon for unsatisfactory results will be limited, at its option, to the refund of the purchase price or replacement of the product when it is proven that the product is not up to Flex Bon standards.

