



*"You won't believe it until you see it!"*

## **FLEXKRETE APPLICATION INSTRUCTIONS**

1. **MIX FLEXKRETE WELL BEFORE USING:** Remove lid and power mix until all settlement is dispersed.
2. **CLEAN SURFACE:** Remove dirt, asphalt, paint and other contaminants to produce a clean, dry, rough finish. White concrete is preferable.
3. **TAPE.:** For straight lines, and a professional, full-depth repair look, tape around area to be repaired.
4. **MIX & PRIME:** Measure, and add catalyst to FLEXKRETE. Power mix for 60 seconds, then brush or roll onto surface. On damp concrete or rusty rebar or metal, use FlexPrime.
5. **MIX & TROWEL:** Catalyze FLEXKRETE, as in step 4, then power mix in, 3-4 parts clean, dry, medium or course grade blasting sand for 2 minutes or until thoroughly blended. Trowel into place, feather-edge to tape, and pull tape.

**RETAIN EXPANSION JOINTS:** Where the repair borders joints or obvious points of movement, ALWAYS retain that joint or crack to allow continuous movement. Saw cut through the FLEXKRETE repair to maintain the joint, or use an edging tool. Finish by using a sealant in the joint.

**TO VARY COLOR:** Less sand gives a grayer color, more sand gives a more tan color.

**VERTICALS:** Prep & prime as above. Mix into catalyzed FLEXKRETE, 2 parts sand & 2 parts Fumed Silica. Trowel into place. (Sand & Fumed Silica ratio may vary depending on the area.)

**BROADCAST SYSTEM:** Clean concrete of all dirt, oil, sealers and debris to yield a clean, dry, rough substrate. Roll out FLEXKRETE at the rate of 50-100 square feet per gallon. Back-roll to assure that there are no puddles

or ridges. **IMMEDIATELY** broadcast onto the wet surface, the aggregate of your choice, ie., blasting sand, colored quartz granules, aluminum oxide, Black Beauty, etc. Broadcast evenly, to refusal, until there are no wet spots showing. After material hardens (about an hour), remove all loose aggregate with a stiff bristle broom . Seal with FlexSealer 1000, and return to traffic in 30 minutes.

### **TIPS YOU SHOULD KNOW!**

- A. TO MIX IN SAND. . .** a large square mud paddle works best. A round jiffy mixer will not blend the sand and liquid adequately.
- B. FOR EASY TROWELING. . .** A clean, shiny, stainless trowel works best.
- C. CLEAN TOOLS. . .** with acetone. Put tools in 5 gallon pail with 1” of acetone and replace lid.
- D. FOR FINISHING. . .** an acetone-wet rag can be used to keep trowel clean.
- E. ALWAYS MIX. . .** catalyst & **FLEXKRETE FIRST.**
- F. DO NOT PUT ACETONE. . .** directly onto patch material.
- G. NO WATER ALLOWED. . .** use very thin coating of FlexPrime on damp surfaces.

### **EQUIPMENT & SUPPLIES:**

1. Heavy Duty Drill & Mud Paddle
2. AC Generator
3. Trowels & Edgers
4. Blasting Sand (Fumed Silica for Verticals)
5. Acetone, brushes, rags
6. Large Mixing Bucket (Muck Bucket)
7. Measuring Buckets
8. FlexKrete