

FlexSet Application Instructions

FlexSet is specifically designed to provide quick installation and long-term durability for concrete roads, bridges and other concrete surfaces. Recommend repair areas are small to medium sizes up to 16 square feet at any depth. The material is designed to bond with dry clean surfaces absent of loose debris. No etching or priming is required to the repair area. The material will setup and be ready for traffic in 45 minutes when mixed according to manufacturer's instructions. All included materials are to be mixed in the packaged 5 gallon bucket. The material is self leveling and self compacting. Additional efforts may be required for sloped surfaces. The material will not shrink or expand when mixed according to manufacturer's instructions. The included topping sand is required and will provide a textured surface when applied according to the manufacturer's instructions.

5-GALLON PAIL OF FLEXSET KIT CONTENTS:

1. Polymer treated aggregates - 36 pounds
2. 1/2 Gallon bottle of Polymer A
3. 1/2 Gallon bottle of Polymer B
4. Topping aggregate - 12 pounds
5. Optional "ZIP" Catalyst for cold temperatures

SAFETY

FlexSet is not a significant irritant. Nevertheless, skin or eye contact may lead to sensitization. Protective gloves and safety glasses should be worn. Wash hands before eating, drinking or smoking after handling.

SURFACE PREPARATION

Remove loose and unsound material. Clean out with a brush and blow out with compressed air. Apply only to dry surfaces. Moist or damp surfaces will weaken FlexSet's ability to bond to the surface.

MIXING

Remove the 12 pound bag of topping sand and both A & B bottles of polymer from the 5-gallon pail. Up to 50% of the topping sand can be opened and added to the mixture to thicken it. Add "A" bottle of polymer to the 5-gallon container of treated sand and mix with pail mixer for 1-2 minutes until sand is completely wet. ******If you use the "ZIP" Catalyst add it to part "B" and shake for 30 seconds in the "B" container.*** Next, add all of B polymer to the "A" and sand mixture in the bucket and mix thoroughly for one minute. ***Increased mixing time will shorten the "setup time."*** FlexSet is now ready to be applied to the prepared area and should be in the form of pourable slurry. Working time will be approximately 10 minutes at an ambient temperature of 75 degrees F.

INSTALLATION

Squeegee, screed, gauge-rake or trowel the material over repair area. The outer area of the repair can be feathered into the existing surface with a hand trowel. Once the material is in place and can suspend the topping sand at the surface, evenly broadcast the repair area with the topping sand.

CURE

Cure time at a temperature of 75 degrees F will be approximately 45 minutes. Allowing approximately 30 minutes for every 5 degrees below 75 degrees. Please refer to Cold Temperature Tips, listed below, for shorter setup times.

PACKAGING & COVERAGE

5- Gallon FlexSet kit (60 pounds) will cover approximately 50 square feet or 1/3 of a cubic foot.

SHELF LIFE

FlexSet has a manufacturer's suggested shelf life is one year when stored indoors and unopened under cool and dry conditions.

PAIL DISPOSAL

Dispose empty pails in accordance with local, state and federal regulations. There is no specialized disposal of residual material left in the buckets.

FIRST AID (INHALED): Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen, & call a physician.

SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing.

EYE CONTACT: Flush with water, continuously for at least 15 minutes. Call a physician.

SPILL OR LEAK

In case of spillage of A or B material, immediately use sawdust, sand, or other absorbent to clean area. Sweep into waste container and neutralize with decontamination solution (93% water, 5% ammonia, 2% detergent). Store open container outdoors for a minimum of 24 hours. Dispose neutralized waste in accordance with Federal, State and local government environmental regulations.

Cold Temperature Tips

- Keep the sealed material buckets warm, store in a heated facility
- Heat repair area prior to material application
- Use up to 2 bottles of "ZIP" catalyst per "B" bottle
- Extend final mixing process until material starts to thicken (around 3-7 minutes)
- Apply heat to the applied material
- Remember: warmer material and longer mixing time = shorter setup time

CAUTION: KEEP PAILS SEALED UNTIL READY TO USE TO AVOID MOISTURE CONTAMINATION AND PROTECT FROM FREEZING.