

**Kel-Crete
Industries, Inc.**

General Partner of CJG LP

Phone: 918-744-0800, 800-845-1833

PO Box 52217

Tulsa, OK 74152-0217

Email: kelcrete@yahoo.com

WWW: Kel-Crete.com

Suggested Specifications for Test Repair

- A. **Preparation:** Remove all existing coatings so as to obtain a clean concrete surface.
- B. **Materials:**
1. Tuff-Kote Flex 10,000 (no fibers)
 2. Kel-Prime
 3. #60 silica sand
- C. **Mixing Instructions:**
1. **Kel-Prime:** Mix 50/50 with clean tap water.
 2. **Tuff-Kote Flex 10,000:**
 - a. Dry mix one part Tuff-Kote with two parts silica sand.
 - b. Measure your water use for future reference. Add small amounts of water to the dry mix. Mix for a short time then add a small amount of water (the mix will look stiff). Continue to mix for maximum of one minute with a 400 rpm drill and paddle allowing mix to gel. **Stop** mixing for 3 minutes, and then mix again for about 30 seconds. This will break the set time thereby allowing for an additional one-hour set time.
- D. **Application:**
1. Apply one good coat of Kel-Prime mixed solution to all concrete areas and let soak in for 10 minutes.
 2. Apply Tuff-Kote Flex 10,000 at the desired thickness for leveling and desired troweled, floated, etc. finish.
 3. Let the finished Tuff-Kote application set for 24 hours and then apply another coat of Kel-Prime solution to all areas.

Note: Kel-Prime solution can be applied as soon as the Tuff-Kote has taken a final set. The set time is normally 2 ½ to 5 hours depending upon the climatic conditions. The sooner you can apply the Kel-Prime after the final set the better.
 4. Protect the finished test area from traffic for 48 to 72 hours.
 5. **Option:** Add 8 ounces of Kel-Prime (**no diluting with water**) to each gallon of latex paint and apply to the test area after 48 to 72 hours of curing. Let dry for 24 hours before allowing traffic on it.

Note: The thickness of the application should be as such to obtain a good leveling coat finish, but no more than 3/8" thick. If an increased thickness is desired then Tuff-Kote Flex 10,000 **with fibers** should be used.

END OF SUGGESTED SPECIFICATION

Kel-Crete Industries, Inc.

Tulsa, OK 74152-0217

General Partner of CJG LP

PO Box 52217

Phone: 918-744-0800, 800-845-1833

Email: kelcrete@yahoo.com

WWW: Kel-Crete.com

Subject: Standard three-coat plaster vs. Tuff-Kote Flex 10,000—Kel-Prime Three-Coat Plaster System.

We have recently been receiving phone calls from plaster contractors who are bidding on the *Ventura Terrace* project in Livermore, California. The contractors were requesting material cost data on our product, Tuff-Kote Flex 10,000—Kel-Prime Three-Coat Plaster System that we listed as an option to a standard three-coat plaster system. I had to tell the contractors that this was not an apples-to-apples comparison request. I told them a standard three-coat plaster system is what had failed on the project.

The Tuff-Kote Flex 10,000—Kel-Prime Three-Coat Plaster, Patch and Crack repair concentration specification provides the project with a **15-year materials and labor warranty** when completed in accordance with the manufacturer's recommendations. The contractor applicators **must be certified/trained in the equipment, preparation, mixing and application**. These products are **non-toxic and manufactured in the USA**. They comply with EPA **"Leeds"** and **carbon footprinting requirements**. There have **never been any failures with these products or applications in the more than 40 years on the market**.

A standard three-coat plaster cannot, and has not been able to make these proven historical claims. There would be a need for clarification. It also would not provide our certified application and warranty.

Tuff-Kote Flex 10,000—Kel-Prime Plaster Systems 10-Year Warranty

Tuff-Kote Flex 10,000 is a pre-blended product that blends Kel-Crete Super Dry and Kel-Flex multi-polymer admixture with the highest quality Portland cement. Tuff-Kote Flex 10,000 is blended in 80-pound bags.

Tuff-Kote Flex 10,000 and Kel-Prime provide the following benefits so as to provide a 10-year warranty on the certified application.

Benefits:

- A. **Water Reducer:** In reducing the demand for water in the mix design it is able to reduce the shrinkage, and increase the psi values in the finished plaster.
- B. **Plasticizer:** This provides for easier workability and uniform spreading.
- C. **Air Entrainment:** Provides freeze/thaw protection.
- D. **Gelling:** Provides for easier pumping.
- E. **Flexibility:** Provides a finished plaster unit that will expand without cracking.
- F. **Bonding:** Greatly increases bonding thereby greatly reducing rebound, waste, etc.
- G. **Curing:** Assures proper curing so as to obtain proper hydration in the plaster.
- H. **Sealant:** Provides virtually waterproof plaster walls.
- I. **Hardening:** Provides a higher psi flexural hardness in the plaster.

Note: See Tuff-Kote Flex 10,000—Kel-Prime Plaster System specification.