

**Sugessted Specifications
For
Tuff-Kote Flex 10,000—Kel-Prime Plaster System
For Window/Crack Repair
ICC Report #ESR-2099**

Division 9: Plaster

Section 9001: Required equipment and tools

1. 400 rpm $\frac{3}{4}$ " drill and mixing paddle
2. Clean, empty 5-gallon plastic buckets
3. Standard plaster tools
4. Masking tape and plastic covering

Section 9002: Materials (non-toxic, non-hazardous)

1. Cement: Tuff-Kote Flex 10,000 (**no fibers**)
2. Sand: Silica #60
3. Kel-Prime bonding/sealing/curing/hardening agent
4. Water: Clean tap water
5. Paint: Water-based latex paint

Section 9003: Preparations

1. Groove out $\frac{1}{8}$ " deep and $\frac{1}{8}$ " wide at all intersecting areas of plaster and window frame.
2. Groove out any plaster crack areas of plaster wall $\frac{1}{8}$ " deep and $\frac{1}{8}$ " wide.
Note: A sharp tool or diamond blade saw can be used for Steps #1 & #2.
3. Mask off all window and window frames to protect from the Kel-Prime solution getting on those areas.
4. Cover and protect all roof and plaster areas, or any other areas the Kel-Prime solution is not desired on.
Note: Should the Kel-Prime solution get on any areas where it is not desired remove with water immediately.

Section 9004: Mixing and application

1. Kel-Prime: Apply the Kel-Prime mixed 50/50 with clean tap water to all grooved crack repair areas.
2. Cement: Dry mix one part Tuff-Kote Flex 10,000 with two parts #60 silica sand in a clean 5-gallon bucket.
3. Water: Add a **small amount** of water to a clean 5-gallon bucket for the desired slurry mix design.
4. Cement/Water: Slowly add blended Tuff-Kote Flex 10,000 and sand to the water and mix the total mix design for approximately one minute. Add additional water if needed so as to obtain a **slurried mix design**.
5. Application: Float the mix design into the window/plaster grooved crack areas.
6. Brush or float any excess plaster from the grooved repair areas.
7. If needed: texture the repaired crack areas to match the existing plaster.

Note: **We do not want to read the crack repairs after completion.**

8. After the crack repair mix design application has dried (approximately ½ to 1 hour) apply the Kel-Prime solution to all crack/window repaired areas.
9. Paint: Mix/block 8 ounces of Kel-Prime **concentrate (no water added)** per one gallon of desired water-based latex paint. **If Kel-Prime is added to the paint at the job site it must be mixed/blocked at least five times.**
10. Paint: Apply the blended Kel-Prime/paint to all window/crack repair areas, and the existing plaster walls.

Note: Before the application a ph reading shall be conducted in accordance with the paint manufacturer's specifications for accepted ph levels.

Note: Accepted ph levels are normally obtained with the Tuff-Kote Flex 10,000—Kel-Prime Plaster Crack Repair System **in about 48 yours** after Step #8.

Note: Applicators must be certified by Kel-Crete Industries, Inc.

Section 9005: Clean up

Remove all masking, plastic coverings and protective materials, and plaster waste from the project.

End of Division 9 Plaster Section

Questions: Please call 800-845-1833