

**Suggested Specification  
For  
Tuff-Kote Flex 10,000—Kel-Prime Plaster System  
For Patch Repair**

Division 9: Plaster

Section 9001: Required equipment and tools

1. 400 rpm  $\frac{3}{4}$ " drill and paddle
2. Standard plaster tools
3. Empty, clean 5-gallon plastic bucket

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

1. Cement: Tuff-Kote Flex 10,000 **with fibers**
2. Sand: Clean washed plaster sand
3. Kel-Prime bonding/curing/sealing/hardening agent
4. Water: Clean tap water
5. Paint: Water based latex paint

Section 9003: Preparation

Cover and protect all roof areas adjacent to wall repair locations.

Section 9004: Mixing and application

1. Kel-Prime: Mix Kel-Prime 50/50 with clean tap water. Apply Kel-Prime with proper equipment to all patch areas **especially all existing edges of plaster.**
2. Cement: Dry mix **one part** Tuff-Kote Flex 10,000 with **two parts** clean washed plaster sand in a clean plastic bucket.
3. Water: Add a small amount of water depending upon the volume of the dry mix to be used in an empty clean plastic bucket.  
Note: **Tuff-Kote contains water reducers.**
4. Cement/water: Add blended dry mix slowly to the water and mix with a 400 rpm drill and paddle. Mix total blended dry mix and water for approximately one minute. Should additional water be required so as to obtain the desired consistency for application add **small amounts** of water and mix another 10 to 15 seconds.

5. Application: Apply the total blended mix design in **one-step application**. Rod and work application to match the existing plaster until the final set time (**approximately 2 ½ hours**) depending upon climatic conditions for patching areas.
6. Kel-Prime: After the final set time has taken place apply the blended Kel-Prime/water to all patch application areas.
7. Paint: Mix/block 8 ounces of Kel-Prime **concentrate (no water added)** per one gallon of desired latex paint.  
Note: **If Kel-Prime is added to the paint at the job site it must be mixed and blocked at least five times.**
8. Apply blended Kel-Prime/paint to all patch and existing plaster walls.

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

Note: Tuff-Kote Flex 10,000—Kel-Prime Plaster System accepted ph levels usually occur in **approximately 48 hours** from the time of the Kel-Prime blending application in Step #6.

Note: For most projects we require that the blended Kel-Prime solution be applied to all existing painted areas before the blended Kel-Prime paint is applied. Based upon the age factor when the Shorebird was last painted and its integrity we do not feel this step is required. **However, this step is still an option for Shorebird HOA members.**

#### Section 9005: Cleanup

Contractor is to remove all protective coverings, waste materials, equipment, etc. from the project.

### **End of Division 9 Plaster**

Any questions please call 800-845-1833