

Kel-Steel-Crete Suggested Specifications

Note: This suggested specification is for crack repair, patching, and complete coatings of 3/8” applications and less. For suggested specifications for areas requiring over 3/8” please see the “Tuff-Kote Flex 10,000—Kel-Prime—Kel-Steel-Crete applications that can be downloaded from this web site.

A. Equipment required:

1. One 400 rpm 3/4” drill and plaster-type paddle.
2. Two empty 5-gallon plastic buckets.
3. Plaster or concrete-type steel or float trowels.
4. Water hose and nozzle.

B. Materials:

1. Kel-Steel-Crete in five-gallon (35-pound) plastic pails.
2. Clean tap water.

C. Mixing instructions:

1. The normal mix is one gallon of water per five-gallon (35-pound) pail of Kel-Steel-Crete. For stiffness, or looser mix designs adjust the water accordingly.
2. Do not overmix. The maximum mixing time is one to two minutes at full speed with a 400 rpm drill.
3. For small crack repairs, or patch repairs one may hand mix to obtain a good gelled mix.

D. Applications:

1. For crack repairs and patching apply one coat to area. Should a second coat be required wait for 24 hours before doing so. Trowel or float the finish to the desired texture.
2. For normal traffic wait 72 hours for curing and hardening. A maximum strength is obtained in 28 days.

Note: Climatic conditions can affect the setting and curing times.

3. Brush any excess materials from the repaired areas.
4. For coating larger areas a mortar sprayer can be used. (Please go to: “mortarsprayer.com” for recommended type sprayers.)
5. Cover and seal any unused Kel-Steel-Crete for future use.

Note: For technical support or service please call 800-845-1833, fax at 918-744-0885, or email us at kelcrete@sbcglobal.net.

End of Suggested Specifications