



# STARDEK RAPID CRACKSET MORTAR

**Color-Crown Corporation**  
928 Sligh Ave.  
Seffner, FL 33584  
800.282.1599

## **FAST SETTING, NON-SHRINK, CONCRETE REPAIR COMPOUND      TECHNICAL REPORT**

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**DESCRIPTION:** Rapid Crackset Mortar is a cement based chemical patching system that provides high strength and nonshrink bonding qualities in a workable, no-slump consistency. As a patching compound, Rapid Crackset Mortar provides greater flexural and shear bond strengths than most available patching materials. Rapid Crackset Mortar will accept vehicular traffic within one hour after placement

**USE:** Rapid Crackset Mortar offers superior bonding power for repair of concrete on bridge docks, highways, viaducts, supports, castings, floors, walls, sidewalks, beams, driveways, pipes, steps, hand rails, and pre-cast panels. Rapid Crackset Mortar can be hand formed and sets fast and hard. Contains no ferrous or non-ferrous metals or corrosion promoting agents. Yet, it is easily applied in the field with no special tools, forms or molds, to create the required initial strength for early use. This high strength also extends throughout the life of the patch for a more lasting repair job.

**APPLICATION:** Concrete or masonry surfaces should be pre-dampened after cleaning, before application of Rapid Crackset Mortar. Any excess water from pre-dampening should be blown or swept away.

Rapid Crackset Mortar is mixed by adding the dry mixture to the proper amount of diluted Stardek Resin. Mix thoroughly, using a suitable size paddle mortar mixer, or small amounts by hand in a wheel barrel. DO NOT mix for more than one minute. Mix NO MORE material than can be placed in 10 minutes. Rapid Crackset Mortar should be mixed to a stiff plastic-like paste (zero slump) No re-tempering with additional water should be attempted.

Approximate liquid requirements: Zero Slump – 5 quarts per 50 lb. Bag.

Begin application of Rapid Crackset Mortar immediately after mixing with Stardek Resin and work thoroughly into surface of area to be filled. Use trowel or hand method and mold to desired shape without forming equipment. Compact thoroughly to secure bond. Finish with steel trowel until smooth and level with surrounding surface. Do not overwork. Minimize troweling.

Cure patch with damp cure methods if any surface treatment will be used. For best results apply Stardek Coatings as soon as possible after finishing. Cure is mandatory especially in warm weather, in direct sunlight and on thin sections

### **TECHNICAL DATA:**

#### **Compressive Strengths - PSI**

1 day.....4640 PSI  
7 days.....7310 PSI  
28 days.....8400 PSI

**LIMITATIONS:** Rapid Crackset Mortar cannot be applied to asphalt pavement. Low temperatures will lengthen set time. Air entraining, water reducing, retarding additives are not recommended. Do not apply below 32°F.

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