



TK-COMPLETE CONCRETE PATCH

Patching Compound

Item No. TK-PTCH

PRODUCT DESCRIPTION

TK-COMPLETE CONCRETE PATCH is a two-component acrylic/cement and mason sand patching compound. When combined with TK-LIQUID BONDING AGENT 225, it creates a fast-setting, strong and durable patch for a variety of concrete repairs. TK-COMPLETE CONCRETE PATCH out-performs simple water mixed mortars with increased strength, higher adhesion and more abrasion resistance.

Features:

- Fast-setting in just 30 minutes.
- Stops infiltration of water, grease, oil, salt and dirt.
- Expands to fill repair area and will not shrink after set.
- No curing compound required.

TK-COMPLETE CONCRETE PATCH is supplied in a convenient bucket containing all the essential components to produce a fast-setting, strong and durable patching compound.

USES:

Suitable for interior or exterior use to repair cracked or chipped concrete floors, sidewalks, walkways and steps.

APPLICATION PROCEDURES

PREPARATION:

Surfaces must be sound and free of grease, oils dust and dirt. Remove any grease or oil stains with TK-CHEMICAL CLEANER 101* and chip out any loose or crumbled concrete from the area prior to application.

Cold Weather Application - Air and substrate temperatures should be 32°F or above at time of application. Area(s) to be patched must be frost free and pre-warmed. Maintain patching material and tools at room temperature when patching in cold weather.

MIXING:

- 1) Use the supplied bucket or a clean container to mix.
- 2) Place the cement/sand mixture into the pail first then pour in the TK-LIQUID BONDING AGENT 225 component.
- 3) Stir slowly, until it reaches a slow slump mortar consistency. Do NOT over mix.
- 4) The liquid component of this product provides sufficient moisture to the mix, however; in cases of spills or in conditions of very hot and windy weather, a SMALL amount of water or additional TK-225 may be added to achieve a more workable consistency for application.

APPLICATION:

Moisten the patching area with TK-LIQUID BONDING AGENT 225 to prevent patch moisture from being drawn away into dry surrounding areas. While the TK-225 is still wet, apply the patching mortar with a trowel, making sure to clean the trowel frequently. Increased adhesion may be achieved by brushing a “neat” bond coat into the patching area prior to placing the remainder of the patch. Level patch as desired and broom finish before set, if desired. When applying to large areas, use the straight edge of a board or metal to level the patch before troweling. Do NOT over trowel.

Pot life (working time) of this product is approximately 30 minutes. After this time, the compound will develop a top crust making the material unworkable. Therefore, TK-COMPLETE CONCRETE PATCH must be placed, smoothed and troweled within this 30 minute window. During times of cold, moist weather or when applying thick and/or deep patches, TK-COMPLETE CONCRETE PATCH may take longer to set.

Approximately 30 minutes after it’s initial set, the material will become hard to the touch and will be dry approximately one hour later. Areas may then be sealed with any of TK’s water based concrete sealers.

CLEAN UP:

Clean equipment and spills with soap and water before the material dries.

TECHNICAL DATA

A.I.M. Category:	This product is not currently regulated by 1999 Federal EPA VOC regulations
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**Comparison of Mortar Strength:
 water mixed mortar vs. TK-COMPLETE CONCRETE PATCH**

Strength	water mixed mortar	TK-Complete Concrete Patch
Tensile	250	615
Compressive	2390	5715
Flexural	610	1585
Impact	6	16
Abrasion Resistance+	23.8%	1.15%

COVERAGE:

Kit Unit	Coverage
10-pound pail kit	0.09 cubic feet of patch
60-pound pail kit	0.49 cubic feet of patch
50-pound bag kit	0.47 cubic feet of patch

Coverage rates are provided as a guideline only. Many factors including surface texture, porosity and weather conditions will determine actual coverage rates.

LIMITATIONS:

- Total working time is approximately 30 minutes.
- Cold, moist weather may extend set time.
- Thick and/or deep patches may extend set time.
- Do not over mix or over trowel.
- Do not use over frost.
- Do not use if substrate or air temperatures are below 32°F.

FIRST AID:

- Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office and the TK website.

AVAILABILITY:

TK-COMPLETE CONCRETE PATCH is available through TK distributors. Contact the TK Products office for the nearest distributor. Packaged in 50-pound pail, 10-pound pail and 50-pound bag* kits.

FOR PROFESSIONAL USE ONLY

NOTES

*TK-CHEMICAL CLEANER 101 must be purchased separately

*50-lb. bags do not include the necessary TK-LIQUID BONDING AGENT 225 component. Component must be purchased separately.

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