



swift-set

DESCRIPTION

King swift-set is an all purpose, high strength portland cement based patching compound which sets in minutes to facilitate fast concrete and masonry repairs. Non shrinking.

USES

Quick patching repairs on sidewalks, curbs, drive-ways, floors, steps, parking garages, highway structures, precast concrete, concrete pipe and loading docks. Can also be used to anchor posts, parking meters and guard rails.

PREPARATION

Remove all loose concrete from the repair area by chipping with a hammer and chisel or using a stiff wire brush. Remove all dirt, grease, oil, paint or other contaminants using strong detergents or a 10% muriatic acid solution. Rinse thoroughly with clean water. Whether acid is used or not, the repair area should be saturated with clean water and any excess surface water removed.

MIXING

Use a clean container. Place a small amount of King swift-set in the container and add cold clean water until the mix is like a batter. Brush or broom this slurry coat over dampened repair area to act as a prime.

Now mix additional material to a heavy mortar consistency (like putty). A good mixture requires about 156 mL (5 ½ oz) of water for each kilogram of product - avoid a “soupy” mix.

MIXING – cont’d.

Do not mix longer than 1 minute. Discard any product that sets up. For repairs greater than 2” in depth, a fine gravel (3/8” or smaller) can be added to the mix. Do not exceed .5 kg of gravel for each 1 kg of King swift-set. The gravel and swift-set should be mixed together before adding the water.

APPLICATION

Use a trowel and apply over slurry coat while it is still wet. Force the mixture into the roughened repair area.

For deep repairs, rod and tamp to eliminate voids in the patch. Level and smooth the patched area at once. Can be used as long as temperature is above 0°C (32°F).

CURING

Keep the patch damp by spraying with a fine mist or covering with wet paper or cloth for at least 30 minutes. On unusually hot summer days shade the surface from direct rays of the sun and protect the patch from rapid drying.

COVERAGE

5 kg covers approximately 900 sq. cm at 2.5 cm thick (1 sq. ft x 1” thick).

SWIFT-SET

TECHNICAL DATA

Compressive Strength

1 hour	1,000 PSI
1 day	2,500 PSI
7 days	5,000 PSI

Set time — 8-12 minutes depending upon temperature of the mix and prevailing conditions.

CLEAN UP

Clean all tools and equipment with water immediately after use.

IMPORTANT

Store in a dry place.

CAUTION

Avoid contact with eyes. Avoid ingestion or inhalation. Contains cement which when mixed with water, forms a calcium hydroxide solution. Avoid contact with skin, including contact with saturated clothing.

FIRST AID TREATMENT: If splashed in eyes or on skin, flush thoroughly with water.

CONTAINERS

SHIPPING WEIGHTS

2.5 kg plastic tub	5 lb
5 kg plastic tub	11 lb
15 kg plastic pail	33 lb