

SAKRETE®

FAST-SET

DESCRIPTION

A mixture of fine and coarse aggregates and special cements that will produce a fast setting concrete mix when mixed with water.

USES

Sakrete Fast-Set has been designed especially for:

1. Fast setting of poles, posts, concrete slabs and walks.
2. Fast concrete construction – allows same day use.

TECHNICAL INFORMATION

INITIAL SET TIME 20-25 minutes

VOLUME CHANGE - dry cure .098
- wet cure .003

DENSITY PER M³ - 2,350 kg

COMPRESSIVE STRENGTH

4 hours	4.5 MPA
24 hours	12 MPA
7 days	20 MPA (2,900 PSI)
14 days	25 MPA (3,600 PSI)
28 days	30 MPA (4,300 PSI)

Exceeds strength requirements of A.S.T.M. Spec. C-387 when used as directed.

DIRECTIONS

SETTING POSTS & POLES

1. Dig hole with auger or shovel to required dept. Allow 2 inches clearance on each side of post.
2. Refer to “Fast & Easy” chart for number of bags required.
3. Position the post in the hole.

DIRECTIONS (cont'd.)

4. Fill the hole to about one half its depth with clean water (2 ½ quarts/bag). If soil is very porous and will not hold water, mix in a container.

NOTE: Warm water will accelerate the set.

5. Pour in Sakrete Fast-Set. Fill the hole with mix to ground level.
6. Align the post. Use a level and check vertical position of post. There is no need to brace. Sakrete Fast-Set will stiffen almost immediately and reach initial set in 30 minutes to 1 hour.

CONCRETE SLABS, WALKS, ETC.

1. Empty contents into mortar box, wheelbarrow, mechanical mixer or onto a smooth surface. If mixing by hand, form a crater for adding water.
2. **IMPORTANT:** The water demand for normal use is approximately 2.8 litres (2½ quarts/bag). If mix is too stiff, add water quickly in small amount (½ cup at a time). Keep mix on the dry side.

NOTE: A small amount of water may cause a large change in the fluidity of the mix. More fluid mixes have longer set times.

3. Mix no more Sakrete Fast-Set than can be placed in 30 minutes. If the mix begins to stiffen do not add additional water - simply agitate with mixing tool to regain fluidity.
4. Dampen any adjoining concrete surfaces. Pour in the mix and ensure all voids are filled.
5. Level the surface with a straight edge board.
6. Allow the mix to stiffen before troweling.

FAST-SET

FINISHING

For rough surfaces use a wood float. For textured roughness use a broom or brush to finish after floating. For a smooth surface use a steel trowel. Use edging tool.

CURING

Allow newly placed material to set until surface is hard to the touch. Then cover with plastic to prevent evaporation of mixing water.

New concrete can be opened to foot traffic in approximately 3 hours.

COLD WEATHER USE

This product can be used successfully in cold weather providing the following precautions are taken:

1. FAST-SET Concrete Mix must be brought to room temperature 24 hours prior to use.
2. Product should not be used if temperature will fall below -5°C within 24 hours of placing concrete.
3. Clean warm tap water should be used.
4. Product must be premixed before being placed.
5. Finished job must be protected from the elements for at least 24 hours. A blanket of insulation will assist in proper setting of concrete.

PACKAGING

Packaged in 30 kg (66 lb) multi-ply moisture proof bags.

FAST & EASY CALCULATIONS

POSTS Post Size 4" x 4"
Hole Diameter 8"

Depth	# of Bags
18"	1
30"	1 $\frac{1}{16}$
36"	1 $\frac{3}{4}$

CONCRETE SLABS 4" thick 2' x 3'
4 bags = 6 sq. ft.

SONOTUBES For each 4' length
1 $\frac{1}{2}$ bags = 6" diam.
3 bags = 8" diam.
4 $\frac{1}{2}$ bags = 10" diam.
6 $\frac{1}{2}$ bags = 12" diam.

WET VOLUME .014 m³ ($\frac{1}{2}$ cu. ft.)

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.