



SHAPECRETE™

◆ The Pro's Choice Since 1936



Sakrete® ShapeCrete is an easy-to-use, high performance, shape-able concrete that can be rolled and molded, pushed or poured into any shape imaginable. It's fun. Like playing with clay, and yet it cures rock-hard and is durable within 24 hours without oven baking or kiln-firing.

SAFETY FIRST: THIS PRODUCT CONTAINS PORTLAND CEMENT. WEAR GLOVES, SAFETY GLASSES AND PROTECTIVE CLOTHING AT ALL TIMES. WEAR A DUST MASK WHEN MEASURING AND MIXING DRY SHAPECRETE.

Features:

- Easy-To-use, just add water
- Strong, durable, high-performance concrete
- Shape-able by sculpting, molding & casting
- No oven-baking or kiln-firing
- Can be painted or colored with concrete colors
- Versatile in both thick and thin applications

Use For:

- Household decorative items
- Crafts & gifts
- School projects
- Garden ornaments
- Art & sculptures

Yield/Water/Coverage:

Pail Size	Yield	Water
20 lb (9.1 kg)	0.16 ft ³ (.005 m ³)	Mix ShapeCrete with 14% water - <ul style="list-style-type: none"> • Clay-consistency mix: 4 parts ShapeCrete to 1 part water • Casting mix: 3 parts ShapeCrete to 1 part water

One 20 lb (9.1kg) pail of ShapeCrete will produce enough material to make a 2' x 2' x 1/2" (61 cm x 61 cm x 1.3 cm) thick object or a 1' x 1' x 2" (30 cm x 30 cm x 5 cm) thick object. See ShapeCretemix.com for project calculator. Yield and water are approximate.

Technical Data:

Working Time	Initial Set Time	Comp. Strength
30 to 60 minutes	3.5 to 4.5 hours (do not remove from mold for a minimum of 24 hours)	24 hour: 3,000 psi 7 days: 5,500 psi

NOTE: Test results are with ShapeCrete mixed at 14% water (approximately 4:1 powder to water ratio)

DIVISION 3

Miscellaneous Cast-in-Place Concrete – 03 30 53

Color:

Gray

Preparation/Application:

For best results all materials should be stored at room temperature prior to installation. Maximum thickness of 1" (25 mm).

Garden Objects:

1. Build up a mound of sand, cover with plastic.
2. Place leaf on with veining up.
3. Pack clay-like mix onto the leaf to desired thickness 1/4" - 1/2" (.64 - 1.3 cm).

Planters:

1. Pack ShapeCrete on an inflatable ball.
2. Sculpt the surface with clay tools.
3. Make a small drainage hole in the bottom to build up the feet.

Vessels:

1. On a piece of fabric, roll out ShapeCrete to a uniform thickness.
2. Wait 10 minutes, then drape fabric into a bowl.
3. Smooth cracks and cure overnight.

Address Tiles:

1. Mix ShapeCrete to a pourable consistency.
2. Cast thin address numbers and tiles.
3. Use rubber shapes to create voids and textures.

NOTE: ShapeCrete takes 24 hours to set. Do not handle or remove from mold until after 24 hours.

Mixing:

Clay Like Mix:

1. Mix 4 parts of ShapeCrete to approximately 1 part of water.
2. Use less water for a stiff, yet malleable clay-like consistency ideal for sculpting, hand-packing and free-form applications.

Casting Mix:

1. Mix 3 parts of ShapeCrete to approximately 1 part of water.
2. Use slightly more water than clay-like-mix for a fluid, batter-like consistency ideal for pouring into a mold-form application.

Mixing Continued:

1. Always start with placing about 1/2 of the required water in a mixing container.
2. Gradually add ShapeCrete to the water.
3. Using a paint stick, putty knife or trowel stir and blend the ShapeCrete mix with the water until clumpy.
4. Continue stirring, gradually adding the remaining portion of water as needed for desired consistency.
5. Mixing large quantities of ShapeCrete is easier using a drill with a paddle mixer and a large bucket.



Curing:

1. For best results, place a plastic sheet loosely over the object to trap moisture while curing.
2. Moisture helps ShapeCrete cure stronger.
3. Allow to cure for at least 24 hours.
4. ShapeCrete will reach full strength in 28 days.

NOTE: Objects made with ShapeCrete cannot be used for food or water unless they have been applied with a food-safe sealant. Please contact the sealant manufacturer for recommended application instructions.

Precautions:

If material is to be mixed and placed outside, the air and mix temperature should be between 50°F (10°C) and 90°F (32°C). Cold or hot temperatures will affect set time and workability. Keep from freezing for 48 hours. For applications outside this range of temperatures and conditions, contact Sakrete Technical Service.

NOTE: Proper application and installation of all Sakrete products are the responsibility of the end user.

Go to shapecretemix.com for videos, instructions, tips and ideas for cool projects.

Safety:

READ and UNDERSTAND the Safety Data Sheet (SDS) before using this product. WARNING: Wear protective clothing and equipment. For emergency information, call CHEMTREC at 800-424-9300 or 703-527-3887 (outside USA). KEEP OUT OF REACH OF CHILDREN.

Limited Product Warranty:

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the dates the product is purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement or defective products or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.



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