



# MASONRY COATING

◆ The Pro's Choice Since 1936



Sakrete Masonry Coating is a polymer modified, water resistant hydraulic cement coating ideal for damp-proofing concrete and masonry walls.

## Features:

- Water resistant concrete & masonry coating
- Complies with Federal Specification A-A-1555
- Attractive gray durable reflective coating
- Can be brushed or spray applied

## Use For:

- Damp proof coating for basement and foundation walls
- Parapets
- Above and below grade applications
- Interior or exterior
- Pre-cast concrete & tile up concrete

## Yield/Water/Coverage:

Bag Size	Yield	Water
50 lb (22.6 kg)	First coat covers 150 sq ft (14 m <sup>2</sup> ) Second coat covers 300 sq ft (28 m <sup>2</sup> )	6.5 qt (6.0 L)

NOTE: Yield and water are approximate. The yield above does not allow for waste and spillage.

## Technical Data:

Compressive Strength ASTM C109  
28 days = 4,000 psi (27.6 MPa)

Accelerated Weathering ASTM G23  
Passed 5000 hours

Water Vapor Transmission ASTM C355  
<16 Perms

Tabor Abrasion Resistance ASTM C1353  
Passed 500 Cycles

DIVISION 7  
Cementitious Damproofing – 07 11 160

DIVISION 9  
Special Coatings – 09 97 00

**COLOR:**  
Gray

## Preparation/Application:

For best results all materials should be stored between 40°F (4°C) and 80°F (27°C) 24 hours prior to installation.

Refer to:

- ACI 530.1 Specification for Masonry Structures
- International Masonry Industry All-Weather Council (IMIAC)
  - Recommended Practices and Guild Specifications for Cold Weather Masonry Construction
  - Recommended Practices and Guide Specifications for Hot Weather Masonry Construction

## Exsiting Masonry Walls:

1. Use only when the product, air, and surface temperature are above 50°F (10°C) for a minimum of 24 hours.
2. Clean area and remove all unsound concrete, grease, oil, paint, efflorescence, and any other foreign materials that will inhibit performance.
3. Slick and sealed surfaces must be thoroughly roughened.
4. Relieve hydrostatic active water pressure by drilling temporary drainage holes at the bottom of the wall.
5. If cracks exist, chip out and enlarge to approximately 1/2" (13 mm) deep and repair using Sakrete Leak Stopper.
6. Surface should be SSD (Surface Saturated Dry) especially when going over highly porous substrates or in hot windy conditions.
7. Apply Sakrete Masonry Coating only after repairs are made and substrate is restored to a sound condition.

Refer to:

1. ASTM D4258 Standard Practice for Surface Cleaning for Coating
2. ASTM D4259 Standard Practice for Abrading Concrete

## Brush Applications:

1. Use a coarse fiber brush. Two coats are recommended for the best water resistant performance.
2. Dampen the surface immediately before application. If the wall becomes dry and the Masonry Coating starts to pull during the application re-wet the wall.
3. Back rolling or brushing may be necessary to assure no pinholing occurs.
4. A second coat may be applied within 24 hours of the first coat. Wait at least 5 hours between coats.
5. Do not bridge over existing expansion or control joints.
6. Apply material a minimum of 1/8" (3.2 mm) to 1/2" (13 mm) thick.

## Spray Applications:

1. Surfaces to be repaired must be sound, dimensionally stable, and clean. Sakrete Masonry Coating can be applied using standard stucco or plaster spraying equipment.

The following information is offered as a guide only. Specific product, equipment, application conditions and user experience will influence proper equipment selection. Consult with the equipment manufacturer for equipment handling technique. Field test material with equipment prior to starting.

PUMP	Orifice
Hopper Gun	3/16" (5 mm) opening
Pressure at Gun	25 psi (0.2 MPa)



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*NOTE: As with all cement coatings, surface cracking may occur due to curing conditions, over watering, or other conditions beyond the control of Sakrete.*

## **Mixing:**

1. The easiest means of mixing is with a ½ inch drill and a mixing paddle in a 5 gallon pail or using a mechanical mixer.
2. Place 1/2 to 2/3 of the recommended clean potable water (found in the water recommendation chart above) per 50 lbs (22.6 kg) bag or enough to achieve a workable mix.
3. Gradually add powder and mix to a thick mortar or paste consistency.
4. Gradually add the balance of water and bring to a smooth creamy or pancake batter consistency. A SOUPY MIX MUST BE AVOIDED.
5. Let material sit (slake) for 5 minutes, remix and use.
6. Under hot, dry, windy conditions, replacing part of the mix water with up to 1/2 gal (1.9 L) of Sakrete Bonder & Fortifier will promote curing and improve bond.

## **Curing:**

1. Proper curing is critical for sound results. Curing means maintaining proper moisture and temperature. The material must be kept continuously moist for several days.
2. In hot or windy conditions keep the material damp to promote adequate curing.
3. Drape plastic over the wall to help retain moisture
4. If surface begins to appear dry remove the plastic moisten the surface and replace the plastic.

**Can be painted:** Using an alkali resistant lime proof paint usually after 7 days of the application provided the masonry is dry. Contact paint manufacturer for application recommendations.

## **Precautions:**

Air, mix and substrate temperatures should be between 40°F (4°C) and 90°F (32°C) and no rain in the forecast within 24 hours of application. For applications outside this range of temperatures and conditions, contact Sakrete Technical Service.

- Colder temperatures or higher humidity conditions will retard set times.
- Do not apply over painted or frozen substrates
- Use only clean mixing container and tools
- Do not over water
- Do not add any materials other than clean potable water or Sakrete Bonder and Fortifier. See Technical Data Sheet for mixing instructions
- Protect from freezing for 48 hours

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

## **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.

