



Leak Stopper Hydraulic Cement

Fast-setting hydraulic cement to stop flow of water through breaks in concrete or mason-

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PRODUCT DESCRIPTION

SAKRETE® Leak Stopper Hydraulic Cement is a mixture of rapid setting cementitious materials and sand. Designed to stop the flow of water through breaks in concrete or masonry walls and floors. Can be used to stop active underwater leaks.

ADVANTAGES

- Can be applied underwater
- Interior and exterior use
- Vertical and horizontal repairs
- Pre-blended single component
- Non-metallic
- Paintable when cured
- Stops seepage leaks
- Above and below grade
- Initial set in 1-3 minutes
- Non-staining

PACKAGING

50 lb. (22.6 kg) pail (BOM 120030)

TYPICAL YIELD

One 50 lb. (22.6 kg) pail will yield approximately 0.52 cu. ft. (0.015 m³)

TECHNICAL DATA SURFACE PREPARATION

Area to be plugged must be free of unsound concrete, grease, oil, paint, and any other foreign materials that will inhibit performance. Dampen area to be plugged before applying product. All holes or cracks should be opened to a minimum depth and width of 3/4 in. (19 mm) to allow enough material for proper expansion and bond. If widening is needed, make the hole/crack bigger at the back than on the front to allow Leak Stopper to expand and plug the opening. Use only when the product, air and surface temperature are between 40°-80°F (4°-27°C) within 24 hours of application. For best results all materials should be stored between 40°-80°F (4°-27°C) 24 hours prior to installation. Protect from freezing for 48 hours.

Technical Data Tests

ASTM C 191 Set Time	
Initial Set	1-3 minutes
Final Set	3-4 minutes
ASTM C 109 Compressive Strength	
2 hour	>1,000 psi (7 MPa)
28 days	3,000 psi (21 MPa)

MIXING

Use clean water, clean mixing container and tools. Do not mix more than can be put into place in 1-2 minutes. Use 3.5 oz. (0.1 L) of clean water per 1 lb. (454 g) of material (4 parts powder to 1 part water). Mix to obtain a thick dough-like consistency, not to exceed 30 seconds. Addition of cold water at high temperatures or warm water at low temperatures will aid in adjusting the set time. Keep material cool and out of direct sunlight prior to application.

APPLICATION

Read all directions before starting work.

WEAR GLOVES AT ALL TIMES. FAILURE TO DO SO CAN RESULT IN SEVERE BURNS.

Repairs: Apply Leak Stopper when air and substrate temperature is between 40°-90°F (4°-32°C). Hold Leak Stopper in gloved hand or trowel until it becomes slightly warm and then apply directly into opening and maintain constant pressure until final set (3-4 minutes). Smooth or mold material immediately after final set. When repairing INACTIVE LEAKS (no running water present), thoroughly soak the area to be patched. Apply Leak Stopper with a trowel smoothing the patch even with surrounding surface. After 3-4 minutes the Leak Stopper will be firm enough to shave using a steel towel. Shave small amounts of Leak Stopper at a time until Leak Stopper is flush with the surface. Can be painted with most paints in 24 hours.

Underwater Repairs: Place mixed Leak



Stopper into a plastic bag and get it as close to the hole as possible. Turn the bag inside out and force the Leak Stopper into the hole. When repairing ACTIVE LEAKS (water is present) force Leak Stopper into the opening holding it in place for several minutes or until it stiffens. Use more Leak Stopper than fits in the crack/hole so it will extend slightly outside the flat surface. The water should have stopped running. After 3-4 minutes the Leak Stopper will be firm enough to shave using a steel towel. Shave small amounts of Leak Stopper at a time until Leak Stopper is flush with the surface.

Approximate Water Requirements

50 lb. (22.6 kg)	5.45 qt. (5.0 L)
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CLEAN UP

Use warm, soapy water for cleaning hands and tools while product is wet. SAKRETE Concrete Mortar Dissolver can be used if dried or hardened on tools and equipment.

NOTES AND LIMITATIONS

- Wear gloves at all times, failure to do so can result in severe burns
- Rubber gloves and goggles are recommended safety equipment
- Do not add any materials other than clean potable water
- Do not use for non-treated aluminum applications
- Do not use as a paint or trowel applied waterproofing
- Do not use as a slurry coat
- Protect from freezing for 24 hours
- Use only clean mixing container and tools
- Store in tightly closed container off the floor in a dry place

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN

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Shelf Life	One year in original, unopened container.
Storage Conditions	Store dry in tightly sealed container.
Color	Gray.

