•TRUSTED QUALITY SINCE 1921•
RUST-OLEUM®
CONCRETE SAVER® PRO

HYDRAULIC CEMENT

DESCRIPTION AND USES

Concrete Saver Pro Hydraulic Cement is designed to stop water flow and permanently seal deep cracks and holes in all grades of concrete. It plugs, seals, and creates a "watertight" seal in 1-3 minutes, even while water is flowing. It can be used on concrete block, cast-in-place concrete, stucco, tilt-up, exposed aggregate and slump block. It is suitable for use on basement floors and cellar walls, expansion and control joints, curtain wall joints, windows, doors, panels, fountains, reflecting pools, planters, canals, retaining walls and privacy fences.

PRODUCT FEATURES

- Plugs and seals deep holes in concrete and masonry
- Creates a watertight seal in 1-3 minutes (stops active and non-active leaks)
- High strength, controlled expansion
- Use on interior and exterior concrete and masonry surfaces

PRODUCTS

SKU	DESCRIPTION
392534	20-pound pail

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

SURFACE PREPARATION

IMPORTANT – Wear eye protection and rubber gloves when working with Hydraulic Cement.

Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil, and all other contaminants. Mechanically abrade the surface to achieve a surface profile equal to
CSP > 3 in accordance with ICRI Guideline 310.2. Make sure the surface to be patched is damp.

WARNING! If you scrape, sand, or remove old paint from any surface, you may release lead paint dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

MIXING

Pour potable water into a clean mixing container and gradually add Hydraulic Cement. Use approximately 1 quart of water to 8 to 9 lbs. (3.8 to 4.3 kg/L) of material. Mix rapidly with a trowel to the consistency of stiff putty with no slump for no more than 30 seconds. Hydraulic Cement will flash set in 1 to 3 minutes. Properly mixed, Hydraulic Cement can be hand formed into a ball.

PRODUCT APPLICATION (cont.)

APPLICATION

Only mix as much material as you can use at one time. Force Hydraulic Cement into the crack or hole by hand or with a trowel. Rapidly fill to the full depth of the opening.

Patching Active Leaks: Start at the top of the crack or hole and force the Hydraulic Cement to the full depth of the prepared area. Apply direct pressure to the new patch until the Hydraulic Cement has taken a firm set. Mix fresh material and continue patching toward the area of the greatest pressure. When extreme water pressure is encountered, physically hold the mixed Hydraulic Cement with a hand against the leak and apply continuous pressure until the Hydraulic Cement has set, and the water has stopped running. Do not use a twisting motion.

Floor-Wall Patching: Follow above methods for the specific conditions encountered. Use a rounded tool to force the Hydraulic Cement into the joint and construct a 45º transitional cove between the floor and wall at the same time.

Expansion/Contraction Cracks: Do not use Hydraulic Cement to treat dynamic cracks.

Immediately trim or brush away any excess cement for a smooth finish.

LIMITATIONS

Do not retemper Hydraulic Cement. Do not apply Hydraulic Cement to frozen or frost filled surfaces. Do not twist Hydraulic Cement into the hole while plugging running water leaks. In warm weather, mix Hydraulic Cement with ice water. In cold weather, mix Hydraulic Cement with warm water and use a torch to preheat the area to be patched. Do not use in dynamic (moving) cracks or expansion joints.

CLEAN UP

Wash skin and hands with soap and water. Cured material must be scraped away. Be sure the container lid is closed and tightly sealed. Store in a cool, dry place.

KEEP OUT OF REACH OF CHILDREN.

PERFORMANCE CHARACTERISTICS

Compressive Strength – ASTM C109

1 hour	1,000 psi
1 day	1,500 psi
28 days	3,000 psi

Flexural Strength – ASTM C348

7 days	300 psi
28 days	350 psi

Expansion/Shrinkage – ASTM C157(28-day length change)

Moist Room (100% RH)	0.10%
Dry Room (50% RH)	-0.25%

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PHYSICAL PROPERTIES

		HYDRAULIC CEMENT
Composition		Portland Cement, Crystalline Silica
Solvents		None
Solids	**By Weight**	100%
	By Volume	100%
Volatile Organic Compounds		NA
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	**Working Time**	1 to 3 minutes
	Setting Time	5 minutes
	Final Cure	28 days
Shelf Life		18 months
Flash Point		NA
Safety Information		For additional information, see SDS

Calculated values are shown and may vary from the actual manufactured material.