

# SILPRO

## EASY PLUG

Rapid-setting — 3 to 5 Minutes  
Stops Flowing Water  
Easy to Place and Finish  
Above or Below Grade

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**Silpro Easy Plug** Hydraulic Cement is a cementitious material formulated to set rapidly (3 to 5 minutes) to patch cracks and holes. It is particularly effective in stopping the flow of water permanently. Use it indoors or outdoors, above or below grade.

### USES

- Stops water leaking through holes and cracks in masonry walls, floors, tunnels, elevator pits, cisterns, swimming pools, dams, and reservoirs.
- Fills and seals spaces around pipes and conduits where they pass through masonry walls.
- Anchors metal railings, ladders, bolts, etc.

### ADVANTAGES

- Rapid-setting (3-5 minutes)
- Stops flowing water
- Easy to place and finish
- Cost effective
- Sets up under water
- Effective against hydrostatic pressure
- Does not contain calcium chloride
- Is non-metallic, will not oxidize or stain
- Non-toxic, non-flammable in service
- Safe for use in contact with drinking water
- Unaffected by UV exposure
- Resistant to freeze/thaw cycling
- Coat with **Silpro Seal Cote** for a damp-proof seal

### TEST DATA

**Mix Ratio:** 180 gm. Water to 1000 gm. Powder

Compressive Strength ASTM C-109

1 Hr. — 730 psi

24 Hrs. — 1300 psi

7 Days — 5560 psi

28 Days — 6790 psi

Tensile Strength ASTM C-190

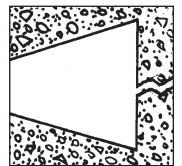
1 Hr. — 120 psi

24 Hrs. — 190 psi

28 Days — 360 psi

### SURFACE PREPARATION

**Crack Repair:** Chip the crack or hole into the shape of an inverted V at least 3/4" wide and 3/4" deep. Clear away dirt and debris.



If there is no flowing water, dampen the concrete with clean water to a saturated surface dry (SSD) condition.

**Anchoring Metal Objects:** Remove all oils, paints, or other potential bond inhibitors.

### MIXING

Mix **Easy Plug** with only enough clean water to produce a putty-like consistency. Do not mix more than can be placed in 3 minutes.

### APPLYING



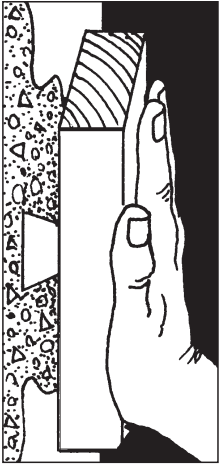
#### To Plug Holes:

Hold a small amount of the mixed **Easy Plug** in a gloved hand. When **Easy Plug** begins to

get warm, yet is still plastic, place it immediately with a minimum of handling and movement. Maintain pressure on the plug with your gloved hand, trowel, or wood block until the **Easy Plug** has set firmly. Keep the **Easy Plug** damp for 15 minutes.

For Customer Service, Call Silpro at 1-800-343-1501

## APPLYING (CONT.)



**Flowing Water Conditions:** Begin to plug the crack or hole from the top down when filling the cavity. If the water pressure is severe, it can be relieved by drilling one or more weep holes beneath the opening. These can be sealed with **Easy Plug** once the main leak has been stopped.

**To Anchor Metal Objects:** Center the post or bolt in the hole allowing at least 1/2" space on all sides, brace as necessary, pack **Easy Plug** tightly around it, and smooth patch even with surface. The **Easy Plug** will set up in

3 to 5 minutes and will support weight in 6 to 7 hours.

**Note:** Do not retemper or handle excessively. If the material starts to crumble, **Easy Plug** is no longer effective as a plugging compound.

## SETTING TIME

The setting time of **Easy Plug** is affected by the temperature:

60-80°F. — Sets in 3 to 5 minutes

Above 80°F. — Setting accelerates

Above 90°F. — Use ice water in the mix, or cool down the surface to be repaired using cold water.

Below 60°F. — Setting slows down.

Below 40°F. — Use hot water in the mix, heat the dry **Easy Plug**, and heat the surface to be repaired.

## LIMITATIONS

- Do not re-temper
- Continued working of the **Easy Plug** after placement could destroy its water-stopping capability.
- Reseal container immediately after use to keep contents dry.

## PACKAGE SIZE

10# Plastic pail (4.54 kg.)

50# Plastic pail (22.68 kg.)

## APPROXIMATE COVERAGE

Per 50# pail (23 kg.)

- 1/2 cubic foot (14 liters)
- Will fill up to 130 linear feet of a crack cut 3/4" wide and 3/4" deep

## SHELF LIFE

6 Months

### CAUTION!

Contains Portland cement and silica. Product is alkaline on contact with water. Avoid eye contact. In case of such contact flush with water 15 minutes. Do not rub eyes. CALL PHYSICIAN. Avoid breathing dust. Avoid contact with skin. Wash hands thoroughly with water immediately after handling. May cause skin irritation. GLOVES REQUIRED.

**See Material Safety Data Sheet for detailed information.**

Use adequate ventilation. The use of a NIOSH/MSA approved dust respirator and safety goggles is recommended.

**FOR COMMERCIAL USE ONLY.  
NOT FOR INTERNAL CONSUMPTION.  
KEEP OUT OF REACH OF CHILDREN.**

Dispose of in accordance with local, state, and federal regulations.

In case of a medical emergency or for information regarding spillage clean up or disposal call INFOTRAC: 800-535-5053.

## GUARANTEE

Silpro, LLC guarantees that their products are made of the finest raw materials under exacting care to produce products of the highest quality and will perform as stated when used in accordance with the manufacturer's printed instructions.

Improper mixing, incorrect application or other factors beyond the control of the manufacturer may produce unsatisfactory results and cannot be held to be the manufacturer's responsibility. Silpro accepts no responsibility beyond the purchase price of the Silpro product used.

For further product information on **Easy Plug** consult your local dealer or Silpro, LLC at: **800-343-1501, 978-772-4444, FAX 978-772-7456.**

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