

SILPRO

EASY PLUG®

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

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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. **EASY PLUG®** is also available in a 60-second set time version.

USES

- Stops water leaking through holes and cracks in masonry walls, floors, tunnels, elevator pits, cisterns, swimmingpools, dams, and reservoirs.
- Fills and seals spaces around pipes and conduits wherethey 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

TECHNICAL DATA

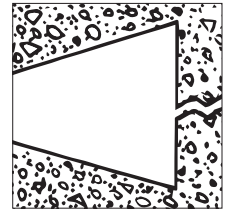
Mix Ratio:	180 gm. water to 1000 gm. powder	
Compressive Strength (3-5 minute version): (ASTM C-109)	28 days	5400 psi
Compressive Strength (60-second version): (ASTM C-109)	1 hour	1465 psi
	24 hours	2284 psi
	7 days	3032 psi
	28 days	3835 psi
Tensile Strength: ASTM C-190	1 hour	120 psi
	24 hours	190 psi
	28 days	360 psi
NSF/ANSI 61-2016	Pass	
NSF/ANSI 372-2016	Pass	

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.

APPLICATION

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

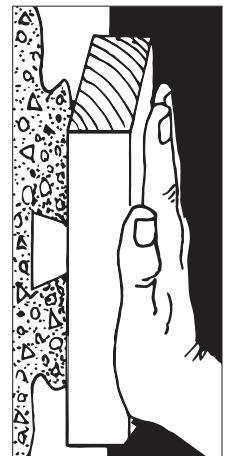


handling and movement. Maintain pressure on the plug with your gloved hand, trowel, or wood block until the **EASY PLUG®** has set firmly. Keep the **EASY PLUG®** damp for 15 minutes.

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.



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

SETTING TIME

The setting time of **EASY PLUG®** is affected by the temperature:

60-80°F. (15-27°C):

Sets in 3 to 5 minutes (60 seconds for 60 second version)

Above 80°F. (27°C):

Setting accelerates

Above 90°F. (32°C):

Use ice water in the mix, or cool down the surface to be repaired using cold water.

Below 60°F. (15°C):

Setting slows down.

Below 40°F. (4°C):

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.

PACKAGING

10# Plastic pail (4.54 kg.)

50# Plastic pail (22.68 kg.)

APPROXIMATE COVERAGE

Per 50# pail (22.68 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

2 years

CAUTION!

SILPRO offers products that may contain cement, latex, epoxy, and other chemicals. Please review the Safety Data Sheet before the use of this product.

GUARANTEE

Please call **SILPRO, LLC** for copy of guarantee.

