

HOLDRITE® HYDROFLAME™ SEAL



For use in

- Concrete Formed Wall
- Concrete Slab on grade
- Precast Concrete Vaults & Manholes

Product Description

- Patent HydroPreseal Seals help protect against water intrusion, mold, insects/termites and radon gas for a variety of pipe sizes and types that pass through concrete floors and walls.
- Lubrizol Compatibility tested and approved devices for use with Flow Guard Gold, Blaze Master and Corzan Pipe designated with a Lubrizol logo.

Nonmetallic & Metallic Through Penetrates

½" - 6" pipe sizes: ABS, ccABS, PVC, CPVC, ccPVC, RNC & PEX, copper, cast iron, steel

Note: Please refer to Size chart for HydroFlame Cast-in-Place part numbers that are applicable to the correct pipe type and size.

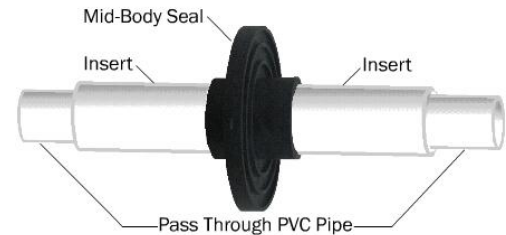
Product Feature & Benefits

- Simple and quick installation
- Snug fit holds pipe
- Helps prevent water, insect, mold, radon gas intrusion
- Sleeve inserts are page call-outs

Storage of Device

- Store in a covered or closed area protected from weather
- Do not stack devices on top of one another other than how they are shipped from manufacture

Not for use as a firestop device




Slab Installation Instructions

- (1) Select the correct Seal for pipe type and size. Seals come in a kit containing 2 x PVC inserts, 2 x Clamps, 3 x Clips and a Mid-Body Seal
- (2) Cut an equal length off of the PVC pipe inserts to reach the desired Slab thickness. When determining slab thickness, please factor in enough length to push the bottom insert into the dirt at least 1 ½ inches & also factor in whether the top insert is to be flush or above the top of the slab. Then connect 1 pipe section into each side of the mid-body seal with the clamps provided. **NOTE: When using device in a Slab, PVC Inserts are optional. Seal can be used by itself by sliding just the mid-body Seal down onto the pipe stub to the center most part of the Slab. Please specify whether inserts will be used when ordering.**
- (3) Prior to Seal installation, thoroughly clean the outside of the pipe. The pipe must be free of concrete, dirt, paint, rust or anything protruding from the outside of pipe including burrs of pipe material. Make sure the mid-body seal membrane is clean of all debris, dirt, concrete or anything that might have gotten on the mid-body seal membrane during or after construction that could damage the sealing surface of the mid-body seal membrane when the pipe is inserted through the mid-body seal. Failure to perform proper cleaning could damage the mid-body seal membrane of the sleeve when the Seal is installed onto pipe stub.
- (4) After cleaning the debris from the surface of the pipe, Slide the Seal over the pipe stub pushing the bottom insert into the dirt 1 ½ inches. Measure the very top of the device to ensure that the top insert is either flush or above the concrete thickness. **NOTE: Tape the top opening of the HydroFlame to keep concrete out of device during concrete pour.**
 - a) When using Cast Iron or Steel, Please ensure the pipe stub has a factory beveled end, if pipe does not have a factory beveled end, cast iron or steel pipe shall have a slight bevel applied to the end of pipe to ease installation and minimize the possibility of damaging the mid-body seal membrane.
 - b) Use a compatible soap solution or other recommended compatible lubricant to ease installation and further minimize the possibility of damaging the mid-body seal membrane. Lightly coating the mid-body seal center sealing surface will ease the installation of the device onto the pipe.
- (5) Pour the concrete slab around the device to the appropriate slab thickness.

Formed Wall Installation Instructions

- (1) Select the correct Seal for pipe type and size. Seals come in a kit containing 2 x PVC inserts, 2 x Clamps, 3 x Clips and a Mid-Body Seal

Cut an equal length off of the PVC pipe inserts to reach the desired wall thickness. Then connect 1 pipe section into each side of the mid-body seal with the clamps provided. Once assembled, Attach the Device to the rebar using rebar wire ties or attach one end of the device to the form with the provided clips. When using clips, attach the clips to one end of the device using a hammer as illustrated in the picture to the right. Then attach the device to the form using 6 penny nails or staples. **DO NOT USE SCREWS** to attach device to the form. Once forms are placed, Both Ends of the device will be flush against the concrete forms. **NOTE: Tape openings on both sides of HydroPreseal to keep concrete out of device during concrete pour.**


- (2) Pour the concrete formed wall around the device.
- (3) Prior to pipe installation, thoroughly clean the outside of the pipe to be inserted through the sleeve. The pipe must be free of concrete, dirt, paint, rust or anything protruding from the outside of pipe including burrs of pipe material. Make sure the mid-body seal membrane is clean of all debris, dirt, concrete or anything that might have gotten on the mid-body seal membrane during or after construction that could damage the sealing surface of the mid-body seal membrane when the pipe is inserted through the mid-body seal. Failure to perform proper cleaning could damage the mid-body seal membrane of the sleeve when the pipe is installed.
- (4) After cleaning the debris from the surface of the pipe, insert the pipe of choice up through the device.
 - a) Use of the factory beveled end of the cast iron or steel pipe should be inserted through the device, if not factory beveled end, cast iron or steel pipe shall have a slight bevel applied to the end of pipe being inserted through the device to ease installation and minimize the possibility of damaging the mid-body seal membrane.
 - b) Use a compatible soap solution or other recommended compatible lubricant to ease installation and further minimize the possibility of damaging the mid-body seal membrane. Lightly coating the mid-body seal center sealing surface will ease the insertion of pipe

Note: HOLDRITE is not responsible for sleeve performance when installation instructions are not followed.

Product Submittal

Job Name:		Architect/Owner:	
Date:		Contractor:	
Part#:	Qty:	Notes:	