

# CHIMNEY PATCH & REPAIR

**CPR (Chimney Patch & Repair) is a fast setting, high early strength, acid resistant, hand mixed and hand applied product for filling voids and repairing concrete, brick or other masonry constructed manholes or catch basins. CPR is fiber reinforced and it is sure to resuscitate a structure back into good health.**

## APPLICATION

- Wash surface clean
- Remove loose brick, mortar and debris
- Mix in small quantities, only the amount that can applied within 10 minutes
- Mix with water to a dough-like consistency
- When filling voids, hold in place with hand or trowel until material will remain in place
- Allow CPR to set for a minimum of 4 hours before applying Flex-Seal
- When repairing inverts, trowel to contour of invert and onto bench a minimum of 1/2" thick

**BOND**  
140 PSI

**SHRINKAGE**  
0% at 90% relative humidity

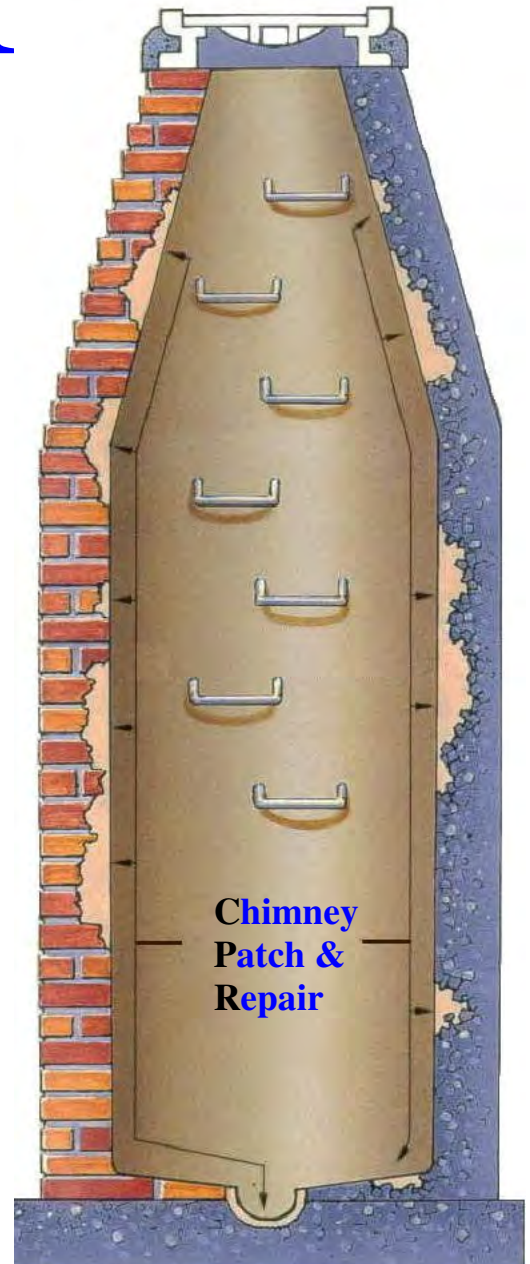
**MIX RATIO**  
1 part water- 3 parts CPR

**PLACEMENT TIME**  
5-10 minutes

**FLOW RELEASE**  
15-30 minutes after re-  
placement

**PACKAGING**  
5 gallon pail (46 lbs)

**YIELD**  
1/2 cu. Ft. per pail



## CAUTION

All persons working with CPR should wear dust mask, eye protection and gloves

## COMPRESSIVE STRENGTH

15 Minutes	200 PSI
1 Hour	800 PSI
6 Hours	1400 PSI
24 Hours	2000 PSI
28 Days	4500 PSI



Sealing Systems, Inc.

9350 County Road 19 • Loretto, MN 55357 • 763-478-2057 • 800-478-2054 • Fax 763-478-8868 • [www.ssisealingsystems.com](http://www.ssisealingsystems.com)

# SEALING SYSTEMS, INC.

## *Your Inflow/Infiltration Specialist*

### FLEX-SEAL UTILITY SEALANT®

**FLEX-SEAL UTILITY SEALANT®** with an 800% elongation, is a state of the art plural component aromatic urethane designed to prevent infiltration and to provide corrosion protection at the grade adjustment ring section or joint sections in a manhole or catch basin. It is manually applied using a paintbrush supplied in the kit, each kit is designed to cover 12 vertical inches on a 27" diameter manhole.

### INFI-SHIELD® EXTERNAL SEALS

**INFI-SHIELD® UNI-BAND** is made from EPDM rubber with a minimum thickness of 65 mils. They are designed to seal the outside of the grade adjustment ring area. The one piece molded seal has a reinforced preformed L-shaped corner and is bonded to the structure with non-hardening butyl mastic which has excellent adhesion properties. **INFI-SHIELD® Gator Wrap** is designed to provide a flexible, watertight seal around the joint section of any manhole, catch basin or concrete pipe. It resists harsh soil conditions and also provides a root barrier for any crack or joint. **INFI-SHIELD® Gator Wrap** is a stretchable, self-shrinking, intra-curing halogenated based rubber that forms a continuous solid seal which applies inward pressure on the protected area. The overlapping layers will cross-link and self-fuse into a single layer. **INFI-SHIELD® Gator Wrap** is available in 6" and 9" widths and comes in a 50' roll or in a user-friendly kit which includes six 16' rolls. Gator Wrap is also available in 12" width by 50 foot rolls. All external seals and joint wraps install easily with no special tools and immediate structure backfill is allowed.

### DEBRIS DAM

The **DEBRIS DAM** is designed to eliminate the introduction of debris into the collection system during manhole rehabilitation projects. Preventing this introduction eliminates the need for permitted confined entry for retrieval.

### AQUA SEAL®

**AQUA SEAL** is a dual component polyurethane grout that is designed to stop leaks up to and in excess of 50 GPM in brick or precast manholes and catch basins. **AQUA SEALS** reaction time is 3 seconds, and does not require water to activate, but can be injected into flowing water.

### MANHOLE INSERTS

**SSI MANHOLE INSERTS** stop the unwanted inflow of rainwater through the manhole cover. The inserts are custom sized to provide an enhanced fit, the inserts can be manufactured in either stainless steel or a strong and durable H.D.P.E.

### VALVE BOX ADAPTOR

The **VALVE BOX ADAPTOR** permanently aligns the gate valve with the valve box assembly preventing shifting and misalignment of the valve box assembly. The **VALVE BOX ADAPTOR** saves money by eliminating future maintenance and the need for re-excavating due to a misaligned valve box assembly.

### VALVE BOX INSERT

The **VALVE BOX INSERTS** are designed to prevent debris from entering your valve box lids.



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