

# 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 2 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

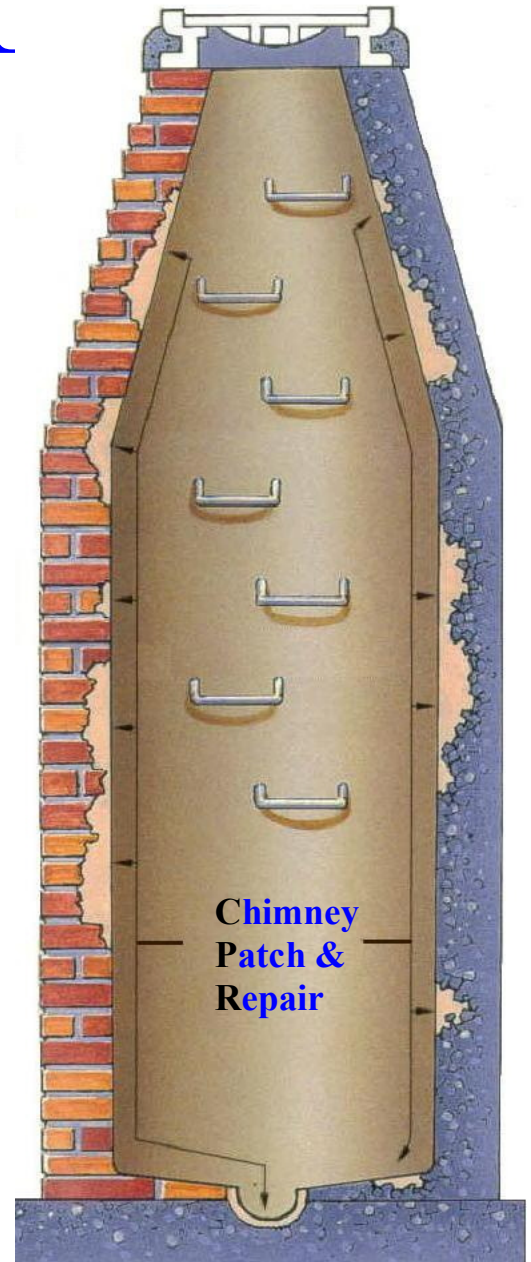
**MIX RATIO**  
1 part water- 3 parts CPR

**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*

### INFI-SHIELD® EXTERNAL SEALS

**INFI-SHIELD® UNI-BAND** is made from EPDM rubber with a minimum thickness of 65 mils and it is 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 any manhole, catch basin or concrete joint. 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 6 sixteen foot rolls. Upon special order, we can also manufacture a 12" width but please allow four weeks for delivery.

**\*All EXTERNAL SEALS install easily with no special tools and immediate structure backfill is allowed.**

### FLEX-SEAL UTILITY SEALANT®

**FLEX-SEAL UTILITY SEALANT®** 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 and the kit is designed to cover 12 vertical inches on a 27" diameter manhole.

### CPR (CHIMNEY PATCH & REPAIR)

**CPR** 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.

### AQUA SEAL®

**AQUA SEAL** is a dual component polyurethane grout that is designed to stop leaks in excess of 50 GPM in brick or precast manholes or catch basins. **AQUA SEAL** reaction time is 3 seconds and can be injected into flowing water.

### SSI MANHOLE INSERTS

**SSI Manhole Inserts** stop the unwanted inflow of rainwater through the manhole cover. Being 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.

### RUBBER RISER RINGS

By absorbing the impact, the rubber riser ring prevents damage to the structure that leads to increased infiltration. The ring's benefits include light weight design, easy handling, no breakage, no heavy equipment required, no possibility of personal injury from lifting or dropping and they are environmentally helpful.

### FOREIGN MATERIAL CATCHER (FMC)

The **FMC** is the safest, most cost efficient tool designed to be used by one person when working on manholes. The patented, lightweight and sturdy design allows you to work on a manhole and not have dirt, asphalt and cement get in the manhole invert.

Sealing Systems, Inc.



9350 County Road 19 • Loretto, MN 55357 • 763-478-2057 • 800-478-2054 • Fax 763-478-8868 • www.ssisealingsystems.com