

# CROWNSEAL

## PRODUCT DATA ChimneySaver® CrownSeal Flexible Waterproof Coating

**MANUFACTURER:** SaverSystems  
Richmond, IN 47374  
800-860-6327  
Fax 765-935-4999  
www.chimneysaver.com

### DESCRIPTION

**CrownSeal** is a proprietary elastomeric coating that forms a flexible waterproof membrane. Product is specifically formulated to repair and protect chimney crowns from water intrusion. CrownSeal can also be used for a variety of horizontal and vertical exterior waterproofing applications. It dries to a natural concrete/mortar appearance. CrownSeal is an extremely long lasting and durable coating that requires no mixing or special bonding agents.

### USES

CrownSeal can be used wherever a long-lasting exterior waterproof membrane is needed, such as chimney crowns, chimney corbels, the tops of masonry walls, including parapets, and stucco repair. Other uses include masonry window sills where bricks are laid in a soldier pattern at the base of windows. CrownSeal can be used as a bonding mortar to replace badly spalled brick units or for parging over brick faces that may have spalled, if remaining brick is solid. Product can be used for crack repair, surface grouting and tuck pointing.

CrownSeal can be colored using small amounts of standard mortar dye. If dyes are used, transfer material to be colored from the original container into a clean mixing container. Before adding dye, let product stand uncovered for approximately 10 minutes to thicken. Add mortar dye one or two drops at a time, and mix with trowel or paddle mixer and drill until desired color is reached.

**Note:** Surface and air temperature should be a minimum of 45°F and a maximum of 95°F at the time of application. Do not apply if temperature is expected to drop below 45°F within a twenty-four hour period. Do not apply to frozen or frost covered surfaces. Do not apply to wet or water saturated surfaces and/or when rainfall is expected within twenty-four hours unless adequate protection with a polyethylene film, or its equivalent is provided. Do not freeze.

### BENEFITS

- 10 Year Warranty
- Permanently flexible
- No bonding agent required
- Natural concrete/mortar look
- Ready to use
- Environmentally friendly

### DIRECTIONS FOR USE

**Preparation:** Surface to be coated must be structurally sound, not loose. Surface must be clean and dry to slightly damp. Place drop cloths at base of chimney to protect roof from inadvertent spills. Brush surface to be coated with stiff poly or wire brush to remove loose particles. Lightly mist the area with clean water from a spray bottle.  
**DO NOT FLOOD.**

### APPLICATION

Apply to surface with a trowel, putty knife (plastic or metal), or 1/4" square notch trowel. Spread to a uniform thickness of no less than 1/8". CrownSeal is most effective when applied at a thickness of 1/8" - 1/4"

(1" max.). Lightly mist CrownSeal with water and smooth out trowel marks using a 4" nylon paint brush. On large applications, complete one half of the crown at a time. Make sure the base of flue tiles are thoroughly coated. Keep container closed when not in use.

**Tip:** To produce a clean edge and protect the brick just below the crown, place duct tape completely over the face of the top course or row of brick. Tape can also be applied to the flue tile approximately 1" from base of tile to produce a clean edge for CrownSeal. Remove tape when application is completed.

**Curing:** Temperature, humidity, thickness of application and porosity of the surface to which CrownSeal is applied will affect the curing time of the product. For faster curing in cool weather, do not mist crown with water before application. In warmer weather, curing time will be approximately 6 to 8 hours. In cooler weather, it may take 24 to 72 hours to cure. Protect area from rain or other moisture source until cured. A plastic covering may be used for protection if rain fall is expected. If an application is exposed to a heavy rain before curing, remove any product runoff with a stiff brush and rinse with water. Thinner films such as 1/8 inch will cure faster; thicker applications will cure more slowly and require longer protection from rain.

**Clean-Up:** Remove CrownSeal from tools immediately after each use by scrubbing with a brush and water. To clean inadvertent spills from roofs, etc., remove excess and clean remaining CrownSeal with a stiff nylon scrub brush and water. Rinse thoroughly.

**Coverage:** At 1/8" thickness, 14-18 sq. ft. per gallon. At 1/4" thickness, 7 - 9 sq. ft. per gallon, depending on texture and porosity of surface to be coated.

### CAUTIONS

**Keep out of reach of children.** Respiratory protection is not generally required during normal use and handling. The use of protective gloves and chemical splash goggles is recommended. Wash thoroughly after handling.

**First Aid:** External: Wash skin with soap and water. Eye contact: Immediately flush with clean water for fifteen minutes. Consult a physician. For additional information, consult the Material Safety Data Sheet for this product.

### LIMITED WARRANTY

SaverSystems warrants that CrownSeal, when used to coat or repair masonry chimney crowns, will remain intact and in place for ten years from the date of application when properly applied by a professional contractor to a residential chimney crown according to label instructions. This warranty does not cover spalling, abrading, faulty construction and/or other defects which might erode coated surfaces. If CrownSeal fails to perform as specified, SaverSystems will furnish as sole remedy, enough CrownSeal to correct the condition. This warranty does not include labor or cost of labor for the application of CrownSeal. SaverSystems shall not be liable for incidental or consequential damages resulting from any breach of this warranty and fitness for use. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

### PACKAGING

CrownSeal is packaged in 2 and 5 gallon recyclable plastic containers.

### TRANSPORT AND STORAGE

CrownSeal is not considered a hazardous material or substance under U.S. Department of Transportation (DOT) regulations. **Keep from freezing.**

### PHYSICAL PROPERTIES

<b>COLOR</b> .....	Light gray
<b>COMPOSITION</b> .....	Elastomeric resin blend
<b>SPECIFIC GRAVITY, AT 25° C</b> .....	.94
<b>WEIGHT</b> .....	(7.2 #/gallon)
<b>FLASH POINT</b> .....	None
<b>ELONGATION</b> .....	200%
<b>SHELF LIFE</b> .....	18 months in original sealed container
<b>FREEZE/THAW STABILITY</b> .....	Stable up to 5 cycles

### TECHNICAL DATA

#### ASTM G53:

Accelerated Weathering (QUV) 5,000 hrs. No shrinkage cracks or deterioration.

#### Outdoor Exposure Test, Indiana:

No shrinkage cracks or deterioration on test chimney crowns after four years outdoor exposure.