



HOMESAVER[®]

InsulationMix[™]

**IDEAL POUR-IN
INSULATION FOR
CHIMNEY LINERS**

- **EASY TO USE**
- **STAYS IN PLACE**
- **ADDS STRENGTH**

UL/ULC LISTED

2.5 CU. FT.

MADE IN U.S.A.

Determining how much to mix

To figure how many cubic feet of HomeSaver InsulationMix you need, subtract the volume of the chimney liner pipe from the interior volume of the chimney. Here are the formulas:

W = Width of flue in inches D = Depth of flue in inches

H = Height of flue in inches $\pi = 3.1416$

R^2 = radius of pipe multiplied by radius of pipe (radius is $1/2$ outside diameter of pipe)

For round HomeSaver liners:
$$\frac{(W \times D \times H) - (\pi \times R^2 \times H)}{1728}$$

For Small OvalFlex:
$$\frac{(W \times D \times H) - (40.2 \times H)}{1728}$$

For Large OvalFlex:
$$\frac{(W \times D \times H) - (53 \times H)}{1728}$$

For RectangleFlex:
$$\frac{(W \times D \times H) - (54.6 \times H)}{1728}$$

Using the appropriate formula above gives the volume of HomeSaver InsulationMix you need in cubic feet. Now divide that volume by 2.5 to determine the number of bags of HomeSaver InsulationMix you need to mix.

Mixing and installation instructions

Gradually mix 4 - 7 gallons of clean water per bag of InsulationMix making sure all mix is sufficiently wetted. Proper consistency is achieved when the material feels damp but is still granular (like damp potting soil). If mixed too wet, it extends drying time and can lead to problems. To ensure it's properly mixed, squeeze a handful of InsulationMix hard. Little or no water should appear between the fingers. InsulationMix should pour like "loose fill" insulation. It may be distributed within the chimney cavity by vibrating the liner but should not be packed or tamped down. HomeSaver InsulationMix must surround the liner a minimum of 1" on all sides.

Curing and drying

InsulationMix cures fully after 28 days. 65% to 75% of this process takes place within the first week after installation.

Drying time (different than curing time) depends on the thickness of InsulationMix, the permeability of the chimney, usage, and weather. Drying is enhanced with the normal operation of the heating appliance.

Operating instructions

The appliance or fireplace may be used immediately after the installation, but flue gas temperatures must be kept below 700°F for a minimum of three weeks. The operator is responsible for not overfiring during this initial period.

Important

InsulationMix is not a chimney lining by itself! It is only intended to be used as an insulation mix for HomeSaver stainless steel flexible chimney liners.

Caution!

Breathing dust may be harmful to your health. Nuisance dust may contain vermiculite CAS #1318-00-9 and Portland cement CAS #65997-15-1. Exposure to Portland cement dust may cause severe respiratory reactions including coughing, breathing difficulties, etc. Repeated breathing of Portland cement dust may cause long-term and/or delayed lung injury. Cement is irritating to eyes and skin, when wet or dry.

Precautionary measures recommended are: avoiding the creation of dust by equipping mixers with dust covers, providing adequate ventilation and respiratory protection, and avoiding contact with eyes and skin.

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UL US LISTED

29N4

**CHIMNEY LINER PART
COMPONENT FOR CHIMNEY LINERS**

For use with Copperfield Chimney Supply Listed chimney liner parts. Install and use in accordance with Copperfield Chimney Supply installation and maintenance instructions packaged with each liner section.

Warning: Install only in existing masonry chimneys or in chimneys approved by the authority having jurisdiction for use with solid fuel burning appliances. For use only with appliances which burn oil, gas or solid fuel only.

HomeSaver InsulationMix must surround the liner a minimum of 1" on all sides.

Item #39100