

ELDFAST: The Chimney Lining System That Lives Up To Its Name!

Problem

Damaged lining that causes leaking in flues on mature homes. You need a cost-effective way to extend the life of your old chimney.

Solution

The Eldfast lining system is a permanent solution to leaking flues on older homes. Suitable for all fuels (including Class 1 chimneys used for stoves and open fires) it's perfect for small flues, such as those with clay liners, gas flue blocks, and up to 450mm square brick flues. Eldfast will cure liner damage caused by wear and tear, wind and weather, condensation, frost damage and chimney fires. The resulting leakage causes numerous problems, including smoky smells indoors, inadequate up draught, plus the risk of fire and carbon monoxide poisoning.

Installation

Fully trained Eldfast lining contractors will install the product with minimal disruption. After erecting the scaffolding, engineers will conduct a careful inspection of your chimney, removing chimney pots where necessary, and erect a winch to pull the Eldfast applicator balloon up through your chimney. The process is very clean as once the winch pulls a wire brush through the flue to remove debris the engineers will seal the fireplace opening, positioning a vacuum cleaner hose through the cover to ensure no debris enters your property.

The team then prepares the Eldfast outside, power-mixing it with water to create the best consistency. The applicator balloon is then attached to the winch cable and inflated to around 0.5 bars to ensure a snug fit in your chimney. Eldfast is poured into the chimney and the applicator is slowly raised to create an even lining on the flue walls. Near the top of the chimney a 'balled' pole spreads the mix over every inch of the flue top, just below the pot.

Once Eldfast is applied your chimney will be carefully inspected to ensure the lining covers the flue entirely without gaps or voids. One major advantage of this method is the ability to reline areas that need further attention almost immediately after the first application. Other repair systems require the lining to dry before touch ups take place.

Result

Once you've applied Eldfast your chimney will be leak-proof and lined with a hardwearing, fire resistant material that gives you improved up draught. Better still, your home has been cost-effectively improved without major disruption.

Endorsement

"We've been using the Eldfast system to reline chimneys that have failed their smoke test under our solid fuel servicing programme. We've found it to be more durable than a stainless steel flexible liner and can be installed with the minimum of disruption to our tenants. The response time is excellent and time spent installing the liner is minimal."

Robert Bamford BSc [Hons.] ACIAT RMaPS, Shropshire Housing Group.

ELDFAST is a ceramic material that doesn't contain lime or cement and can therefore withstand continuous exposure to extreme temperatures. It has been rigorously tested by BSRIA to conform to current building Regulation Standards & Requirements (post 1st April 2002 changes). Using some adaptations to the installer's tooling (for which Landy Vent have certain patents), even gas flue blocks can be cleaned and lined, making full use of the nominal coating thickness of the Eldfast system in order to retain those vital minimum flue measurements. Obviously, this same benefit is applicable to several similar types of flue construction: e.g. concrete flue blocks, clay liners and brick flues which can be lined and sealed using Eldfast.