

Eldfast Ceramic Chimney Lining System Customer Guide

Thank you for choosing Eldfast Ceramic Chimney Lining system for your chimney and we hope you enjoy your fires over the years to come. To help ensure you get the best out of your lining system and that you fulfil your warranty requirements please read the guide below.

The Material

The Eldfast lining material is highly resistant to attack from flue gas acids and proven to withstand temperatures in excess of 1,100°C. However, as with any other chimney lining the performance and durability relies on the correct operating and maintenance instructions being followed. Nominal lining thickness is to be applied to 3-5mm with no more than 1% of the flue at minimum 1mm. This material should only be installed by a contractor with a certificate of competence for Eldfast Installation.

Eldfast flue lining	Manufacturer: Landy Vent UK Ltd, Foster House, 2 Redditch Road, Studley, B80 7AX
Product description ELDFAST 2	Comprises single bagged premixed powder product
Mix proportion	4.5 litres water to one full bag
Appliance designation (for use with the lining)	All types and all fuels
Restrictions	Flues for dry operating conditions only

IMPORTANT: ALWAYS MIX ONE FULL BAG – NEVER A PART BAG AS FINES SETTLE OUT WITHIN THE BAG. ELDFAST IS DESIGNED FOR USE WITH OPEN FRONTED FIRES AND APPLIANCES.

Gathers / Spraying:

Please note when the material is sprayed this will create a thinner coating than will be present with the slide casting method throughout and higher up in the chimney but can be built up in stages.

Initial Use / Curing: Solid Fuel Open Fires

Heat the flue with 2kw electric heater (or equivalent) for 12 hours after lining then 3 fires over 3 days –

- Day 1) Low: Kindling fire for 2-3 hours.
- Day 2) Medium: 1-2kg of logs 20% moisture content or less for 2-3 hours.
- Day 3) High: 3-4kg of logs 20% moisture content or less for 2-3 hours.
- Continue to have large fires for as long as possible over the next few days until you are sure the issue has been resolved.



It is essential to carry out this firing procedure to cure the Eldfast into the flue before full use and prior to scaffold removal.

You may smell some smoke during the curing process while the material hardens, if this occurs after the above procedure has been completed have High fires for another 3 days. If you can still smell smoke after this, call your installer.

Initial Use / Curing: Gas Fires

As the gas burner or fire will not heat the flue sufficiently after lining, a gas heater of 10kw output rating should be fired into the flue by Eldfast Ltd or the trained contractor for one hour as part of the installation process (by the installer) to ensure the flues temperature is taken to 180°C + for one hour more. No further heating is needed. The gas fire within the property can be used normally.



Fuel Burning

Always follow the heating appliance manufacturer's operating instructions.

If burning solid fuel or wood ensure this is done on a bright fire and avoid slumbering conditions that create the risk of condensation and heavy soot deposits in the flue. If such deposits are allowed to occur and accumulate in the flue this greatly increases the risk of high temperature soot burn out and chimney fires that can damage the chimney and appliance.



If wood is being burnt it should be fully seasoned and air dried for 1 to 2 years under a waterproof ventilated cover open on all sides to get the maximum efficiency and reduce the risk of tar deposits. Do not burn household waste, plastics, treated timber or chemical chimney cleaners that produce harmful toxic or corrosive gases.



A moisture metre can be used to determine the correct level of 20% moisture or less is present in your wood and are readily available online or via your local fireplace shop.

Chimney Sweeping

It is recommended that all flue-ways be regularly checked to ensure that they are kept clean and not blocked by, for example, nesting birds. This must be carried out by a qualified chimney sweep and a record of the sweeping certificate kept with your documentation.

Solid Fuel: Should ideally be swept before, during and after the heating season or at least once a year using sweeping rods attached to a bristle brush having the same dimensions as the cross-sectional area of the flue., which should be kept in a safe place with these instructions. The Chimney must be swept a minimum once per year to maintain your warranty.

Gas: Gas fires produces less deposits in your chimney system but will still require maintenance to ensure there are no blockages. The chimney must be swept a minimum of once per year to maintain your warranty.

Creosote or soot must be removed from the flue to reduce the risk of chimney or soot fires.

If high deposits of creosote are present CreAway is recommended for treatment and removal. Please consult your local chimney sweep for details or visit our website.

Scaffolding / Access Equipment:

Unless our own ridge platform has been used any scaffolding or access equipment must remain in place until the Eldfast lining has been cured and tested thoroughly. If an issue is reported after the scaffolding has been removed this would have to be reinstated at the customers cost so that re-lining / rectification work can be carried out.

External Maintenance

Any parts of the chimney exposed to weather including any terminal and flashings should also be checked to ensure that they are sound. Please also look at our range of weather protection products such as Chimney Saver and Crown Coat to extend the lifespan of your chimney.

Visit www.eldfastchimneylining.com for more information.



Other solutions

If you are looking for an alternative heat solution for your home why not look at our Ecco Stove range of wood fired masonry heaters www.eccostove.com. We also have a range of flue and stone cleaning products along with fireside accessories at www.landyvent.co.uk.