

# METHOD OF INSTALLATION

Note: abbreviated for informational use only.

- (1) Inspection and Preparation– Pre-installation survey.  
To ensure a structurally sound flue, suitable for lining with appropriate weather proofing and termination height and type.  
Carry out flue smoke test to highlight any defects.  
Ensure suitability for intended appliance.  
Health and Safety requirements of site.



- (2) Cleaning the flue  
Loose material is removed using steel brushes, heavy deposits are tackled with reaming tools or flails.

- (3) Lining the flue  
The material is applied by means of a “plug” inserted at the base of the flue opening– the plug is winched up into the flue to the point the lining will commence from (this is usually at the top of the gather in the case of an open fire, or where connecting flue pipe enters the chimney from a roomheater) Note: large gather areas may be spray coated where applicable. Mixed material is poured in slurry form onto the top of the plug and continually “refreshed” as the plug is pulled through the flue, applying the lining under pressure to the flue walls. The plug can be pulled through more than once if required to achieve a continuous lining within to the operators satisfaction.



## THE PLUG

Can be either a series of foam pads covered with a kevlar jacket or a small (3ft) balloon attached to a self regulating compressor (used for flues that change in diameter or have limited access). Both methods apply the material to the flue face under pressure.



**TOP-  
DOWN  
VIEW**

(4) The finished product

The surface finish of the lining will normally appear slightly granular and may be ridged in appearance due to application by the Kevlar blanket (the Eldfast may mirror folds in the blanket). The lining will harden by a gradual process of air curing (approximately 30-60 minutes after application, the material will appear to harden). If there is a warm ambient air temperature with a steady updraught through the flue (I.e. stove doors should be left open), the material should have sufficiently cured after two days. Should the ambient air temperature be below 5°C, a 2kw electric fan heater could be positioned to assist curing.

On completion, the lining will be checked and a certificate issued along with a notice plate affixed near the base of the flue or near other services to give details of the suitability for use.

**Example of the chimney notice plate:**

<b>IMPORTANT SAFETY NOTICE</b>	
<b>This label must not be covered or removed</b>	
Property address	.....
The chimney serving the	.....
Located in the	.....
has been - lined with	.....
-built with	.....
The liner/chimney is suitable for use with	.....
Liner/chimney installed on	.....
By.	.....
<b>Get the heating appliance &amp; chimney checked annually by a competent contractor. If burning solid fuel the flue must be swept at least once a year.</b>	