

Specialist Chimney Services

(North East)

Project Review

Lartington Hall

Ivy Cottage, Low Jobs Hill, Crook, County Durham. DL15 9AA.

Tel: 01388 762632. Email: info@chimneysnortheast.co.uk

Proprietor: John J. Alderson.

V.A.T. REG NO. 514 5203 84

Features:

A Grade 2 Listed Building

Built in 1700s

Large diameter existing flue

Historic marble fireplace to be reused

A prestige Wedding Venue



Flue Description

The problem concerned a large, marble fireplace in the main reception room with a chimney length of 12 metres tapering towards the top. The chimney cross section measured 275mm square through to the chimney stack.

The existing chimney had a flexible 175mm flue liner installed to loft height and from this point to the top of the stack a twin wall, rigid insulated chimney system had been previously installed.

Project Challenge

Lartington Hall is a fine, historic country house which has been lavishly refurbished to create a prestige wedding and conference centre.

This installation was to facilitate an existing marble fireplace in one of the main reception rooms to be used as an open fire - so a large diameter of flue was needed to service the fireplace.

After considering all the alternative flue liner systems, it became clear that the only liner that could fully meet the challenge of maintaining the required flue diameter for the intended use of the fireplace, while offering a cost effective and practical solution was a **FuranFlex RWW liner**.

Solution

After the existing flue liner and chimney system had been removed, cast in situ pumped cement was used to form a gather to locate the bottom of the **FuranFlex liner**.

A 300mm **FuranFlex RWW liner** was winched up through the existing chimney. After the installation and curing was complete the liner was trimmed at the top and bottom.

The installation involved the minimum of mess and was fully completed in one day - allowing the business to continue without the major disruption that would have been caused by other lining solutions.

After this successful installation, Specialist Chimney Services were commissioned to install a further four flue liners at this property.

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Specialist Chimney Services (North East) is a long established, family owned business based in North East England. We are experts in chimney lining and have a wide experience of solving problems associated with defective flues. We are especially experienced in dealing with the particular complexities of working on listed and historic buildings and in occupied properties.

This Project Review has been prepared to illustrate how we have solved a particular problem for one of our clients. We are able to offer a range of solutions when lining the flue is required – in this case the right solution was to use the FuranFlex System. We are authorised installers of this system and as such, we have been trained by the manufacturer and we are able to guarantee the product. The FuranFlex System offers a number of advantages to users, including:

- There is no need to demolish walls, homes remain clean during the lining work
- Chimney lining only takes a few hours
- It can be used for all types of boilers and chimneys.
- Even chimneys as high as 80 metres and with a diameter of even 80 cm can be lined without any joints.
- Its internal surface is smooth, its thermal resistance facilitates the economic operation of boilers.
- It does not become corroded. The period of guarantee relating to damage by corrosion is 25 years

The system is adaptable and has been successfully used in many situations:

- ⇒ FuranFlex has lined chimneys in Listed Buildings, bringing back into use large open fires without the requirement of reducing the fire openings or fitting chimney fans.
- ⇒ FuranFlex has relined chemical cabinet ducts, removing the need to open up walls to replace ductwork.
- ⇒ FuranFlex has been used to line existing chimneys to allow condensing and high efficiency appliances to be fitted, maximising the cross sectional area of the chimney.
- ⇒ FuranFlex has been used to line Inglenook fireplaces to ensure the chimney characteristics are not altered ensuring the fires work safely.
- ⇒ FuranFlex can be used on positive pressure chimneys.

The installation is clean and quick, usually performed in one day -

- The chimney is swept and if required a Creosote/Tar removal process is carried out.
- The chimney then has a CCTV inspection.
- The FuranFlex is installed into the chimney from the top or base of the flue.
- Adaptors and any appliance connectors are fitted to the FuranFlex.
- The liner is then inflated with air.
- The steam generators are then connected and the liner "steamed"
- The steaming process takes 1-3 hours after which time the FuranFlex has set.
- The adaptors are removed and the FuranFlex trimmed at each end.
- The appliance can then be commissioned and returned to service.

For more information on how we can solve your chimney problems contact us using the details below.

t: 01388 762632 e: john@chimneysnortheast.co.uk or visit www.chimneysnortheast.co.uk

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