

Specialist Chimney Services

(North East)

Project Review

The Morritt Arms Hotel

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 Listed Building

Built around 1635

A 4 star country hotel

Rare mural on chimney wall

Restricted access

Georgian Hob Grate



Flue Description

In this case the flue dimensions were; a flue length of 10.5 metres with a 30 degree offset above fire opening; a large void to the base of chimney and the remaining chimney of cross section 225mm to 275 mm square.

The fireplace in the Charles Dickens bar is a Georgian hob grate type. The existing chimney had a large void above the fire opening which was unable to be cleaned. This was allowing recurring chimney fires. The fire brigade instructed that the chimney must be lined before the fire could be used again.

Project Challenge

The use of a steel liner was rejected due to impractical installation, the use of cast in situ was also rejected as we were unable to open the chimney due to the hand painted murals to the bar area and decoration to the hotel bedrooms above.

The **FuranFlex System** was considered the most suitable system as it alone could achieve all the required criteria: maintaining the necessary cross sectional area of 225mm without opening up the chimney above the fireplace. This last requirement was critical in view of the unique and historic nature of the handpainted decorations.

Solution

The bar area was closed during the day allowing the installation to take place. The installation involved the minimum of disruption and by 3.30pm the **FuranFlex Liner** was installed and ready for use - allowing the cleaning staff to tidy around and open the bar area for the evening trade.

The rare wall murals painted by 'Guinness' artist Jack Gilroy remained intact. Due to the success of the installation Specialist Chimney Services completed a further two liner installations in 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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