



**Kompozit'allUK**  
guaranteed lining solutions

*case studies*

## **Listed Chimney Rescue using FuranFlex-25 RWV**

### **SUMMARY**

**application area:** heritage chimney restoration

**use type:** gas open fireplace

**project scope:** line existing chimney, maximise flue opening

**added value:** no chimney fan needed, 25-year product guarantee



## BACKGROUND

The chimneys were leaking in this listed property. In order to bring them in line with regulations for a safe operation, the chimneys had to be lined.

Domestic chimneys often require a chimney fan after lining as traditional rigid liners restrict much of the original flue opening. As chimney fans can be expensive to fit and maintain, home owners will often choose a lining option that will preserve the flue size and allow the fireplace to be as large as possible.



*The listed property.*



*FuranFlex-25 liner before steaming.*

Kompozit'all UK certified installer Grate Fires won the project. The project requirements were to line both chimneys and prevent further leaks before the gas fireplaces could be fitted. This was achieved using FuranFlex-25 RWV liners, which are rated for temperatures up to 450°C.



*FuranFlex-25 liner during steaming.*



*The finished flue.*

The liners were specially sized for each flue's dimensions, and to accommodate the flue bends. The size and length of the liner was determined through a camera survey completed prior to the install. The soft liner tube is inflated using pressurised steam which will gently push the liner's walls out to the flue, extending into the corners. Heating the liners with steam will cause a chemical reaction which sets the material harder than steel.

The finished liner is smooth, jointless and highly corrosion resistant. Thanks to the expert installation and strong product quality control, both liners are guaranteed to work for 25 years.

All projects are undertaken by Kompozit'All UK's nationwide network of registered chimney engineers. We will only allow annually retrained, certified and approved engineers to install FuranFlex-25 and VentilFlex-25. They will follow a code of practice and upon completion issue the fully comprehensive 25-year product guarantee.

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