



Kompozit'allUK

guaranteed lining solutions

case studies

Gas Fireplace Renovation in London

SUMMARY

- **application area:** domestic, home
- **use type:** space heating, gas fireplace exhaust lining
- **project scope:** restore fireplaces, rebuild chimney, line chimney duct
- **added value:** 25-year guarantee on liner, quick and clean install, non-destructive



Kompozit'All UK certified FuranFlex-25 installer Grate Fires Ltd was hired to renovate two fireplaces in a large house in Muswell Hill, North London. The camera survey revealed cracks in the chimney flue. To protect against carbon monoxide leaks, the chimneys had to be lined before the gas fireplaces could be fitted. The chimney structure had also been damaged and needed rebuilding.



The wall of the damaged chimney was bowed and needed rebuilding.



The source of the leak.

After the top of the chimney had been rebuilt, a flexible and uninflated FuranFlex-25 tube was placed inside the chimney duct. The chimney liner is produced to fit the dimensions of the duct. After some preparations, pressurised air is used to inflate it, giving the liner its final dimensions. Afterwards the air is replaced with steam to harden the liner material. The tube will take up the flue dimensions and form an airtight finish.



Uninflated FuranFlex-25 liner.



The steaming process takes only a few hours.

The installation took one day per chimney. The jointless and air-tight liner provides an adequate draught and a clean and safe operation for the fireplaces. Moreover, the installation could not have been so easy and straightforward using other technologies. We are so confident in the proven performance of FuranFlex-25 that we provide a 25-year product guarantee for its continued operation without issues.



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.

With technical questions and to find your nearest engineer, please visit www.kompozitalluk.com

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