

Expandable System to give your family further peace of mind



- Intruder Alarm
- Smoke Alarms
- Carbon Monoxide Detectors
- Gas Detectors
- Panic Alarm



Additional Products Available



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Every year, between 70 and 100 thatched properties suffer from a serious fire.



Thatch Fire Prevention Limited specialist company, created with the intention of preventing specific fire conditions and reducing the number of fires which occur in Thatched Roof Properties.

We believe that Thatched Properties are an important part of the UK's heritage and should be protected wherever possible.





The Risk

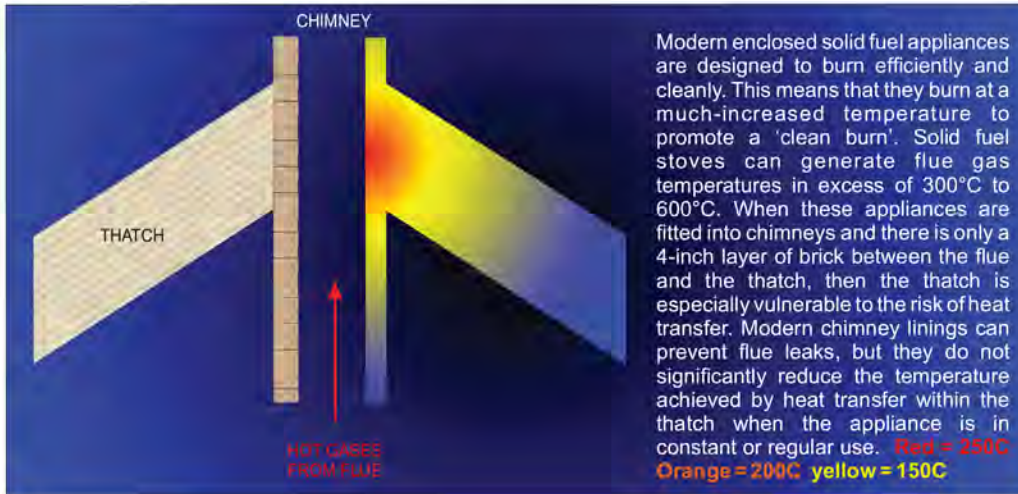
The recent introduction and the trend for fitting multi-fuel appliances (e.g. wood burning stoves) coupled with often inappropriate chimney linings and usage patterns of these appliances has directly contributed to the increased number of thatch fires seen in recent years. The majority of thatch fires are chimney related and most are often associated with the installation and use of modern multi-fuel appliances.

It is the combination of deep thatch around the chimney in conjunction with the use of the multi-fuel appliances that place these properties most at risk.

The Cause

Multi-fuel appliances can generate flue gas temperature in excess of 300 C. The insulation qualities of the thatch can cause the temperature of the external brickwork of the chimney within the thatch to reach over 200 C, which is enough to start a charring process. It is quite common for the charring process to continue unnoticed along the ridgeline until a point where it breaks to the surface of the thatch whereupon the thatch will actually ignite quite often causing the loss of the entire roof.

"PREVENTION IS ESSENTIAL DETECTION IS NEARLY ALWAYS TOO LATE"



The Research

In 1993 the National Society of Master Thatcher's (NSMT) began a programme of research into the factors affecting the longevity of thatch. It rapidly became apparent that one of the major factors was fire. In efforts to reduce the risk of fire, the NSMT examined the principle theories and realities of thatch ignition. With the assistance of several fire services, the NSMT were able to inspect thatched properties where fires had occurred. Their findings were that properties that had an enclosed appliance such as a wood burning stove were at the greatest risk. To understand the process behind these findings the NSMT commissioned even more extensive research and testing into this phenomenon.

The Company

Thatch Fire Prevention Limited (TFP) is a specialist company with a unique system created to address the increasing number of thatch related fires within thatched roof properties. The aim of our "Phoenix" system is to prevent and therefore protect against specific conditions arising, which could ultimately lead to a major risk of fire from which there is little or no chance of recovery. We also provide private clients and also a number of leading thatch insurance providers, a fire risk assessment survey (FRAS), which includes internal endoscopic CCTV inspection of the chimney/flue lining (this does not include electrical, fire boarding or thatching inspections).

TFP is a corporate member of The Guild of Master Craftsmen and an affiliate member of the National Society of Master Thatchers (NSMT).

The Phoenix System

This is an early warning detection system that alerts the homeowner of the temperature build up before the critical 200°C is reached. The Phoenix system utilises the properties of linear heat detection cable (LHDC) to detect a rise of temperature between 177-189°C, providing sufficient time to shut down the source of heat.

The LHDC is connected via a universal wireless transmitter to our control panel that will sound an alarm if the heat threshold is exceeded to alert anyone within the property and can be used to alert up to 4 preset telephone numbers (if speech dialer connected) via a prerecord speech message using a standard telephone line and can be monitored by our chosen accredited Alarm Receiving Centre (ARC) also via a standard telephone line (monitoring charges will apply) whereby the ARC will contact nominated keyholders. Note when connected to a telephone line call charges will apply.

Extensive tests have recently been carried out at the Chiltern Fire Research facility to confirm the performance of the critical elements of the Phoenix system. The thatch-chimney interface environment was recreated. The critical elements of our system performed as predicted, the alarm was raised at a temperature of 188 C. This gives property owners enough time to extinguish their multi-fuel appliances before the charring process can begin thereby preventing a potentially devastating fire. In attendance and monitoring the tests were The International Fire Consultancy and the National Society of Master Thatcher's.

We offer a full purchase system or alternatively a monthly rental system, the system rental option includes a free full FRAS at the start of every 3 year rental agreement.

The Phoenix System is recognised by nearly all Thatch Insurers who offer policy discounts upon installation, some offering up to 40%.

