



# **FIRESTOPPER**

*"Bringing Firefighting Into The 21st Century"* <sup>SM</sup>

## **CENTRALIA**

**"70-YEARS OF UNCONTROLLED UNDERGROUND COAL BURNING"**

**A PROPOSED METHOD & PROCEDURE DETERMINING & EXERCISING AN END TO THE FIRE**



**FIRESTOPPER**  
Industrial - Commercial  
Government

**Marketing Department: Technical**

**WHITE PAPER**

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# INTRODUCTION

**FireStopper® International Limited**, a transnational Registered Company, is the developer of the world's most advanced and powerful firefighting and anti-explosion **"Proprietary Technology"**, within the meaning of the *Uniform Trade Secret Act* ("UTSA") *Cal. Civ. Code Sec. 3426*, Common law, *Business and Profession §17200* and all other applicable U.S. and International statutes, which also produce environmental remediation and other supporting applications.

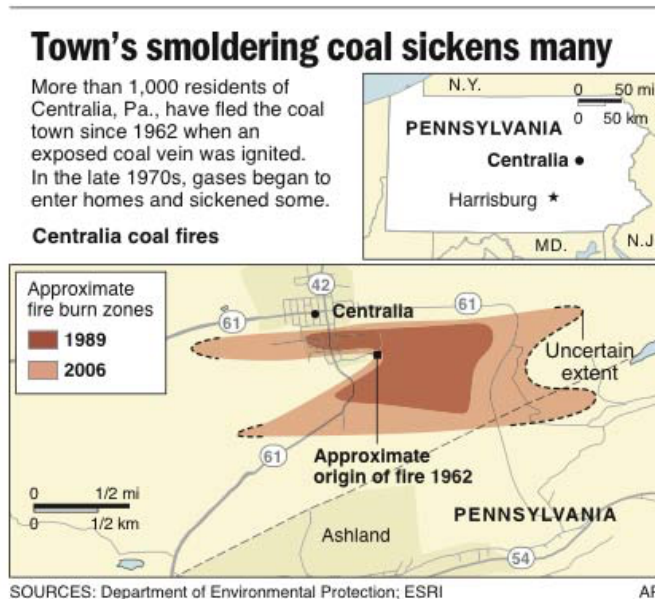
**FireStopper®** initially devoted the first 25-years of its existence to R&D and subsequently is the recipient of the stand-alone testing results in fire ratings, usage and environmental certifications. Said superior performance is evident over all others as granted by the most recognized and respected third-party testing and Listing facilities in the world.

Moreover, this unique **Technology** has brought forth the only available **"all fire class"** effective and **"anti-explosive"** products, which are all **Non-Toxic, Non-Irritant, Environmentally Safe and Non-Hazardous**. These stand-alone achievements, as granted per the most demanding environmental and life exposure testing and certification, make the **FireStopper® "Brand"** the undisputed best overall effective products and superior over all other existing and available products in the explosion/fire and safety channel of business.

In addition and in pursuit of stability, **FireStopper®** has secured supply lines for its raw material needs to meet its current production capacity of 1-Mil gallons per month and 50k units/month in the handheld portables product line. As for delivering its portable systems and fixed systems, **FireStopper® International Limited** is dedicated to meet or exceed the client expectations at every juncture.

**FireStopper®** premixed liquids and concentrates are additionally recognized as the only all fire class and subclass effective liquid suppressants, which in addition, provide all environment use and protection.

## DISCUSSION:



This presentation focuses on spotlighting the procedure to determine the way to implement this novel and effective technology, its appropriate product and methodology for determining the way forward and procedure designed to deliver a quick, safe and economical life and property safety solution to the devastation to date.

It is obvious that the Federal Government, the State of Pennsylvania and the appropriate Municipality have exhausted both available products and methodology in the trek to extinguishment. The devastation left behind, has caused the citizens and adjacent Municipalities great cost and concern by the unstoppable path this devastating event has taken and continues to progress.

Therefore we propose the following:

The ideal and recommended product in the FireStopper® arsenal is AB 40002 FFC. When recently demonstrated in an emergent coal fire in Portugal, this FireStopper® product extinguished a substantial coal fire load with a 9-liter extinguisher charged at the certified 6% usage.

We recommend a similar demonstration to be performed highlighting the undefeatable performance of this product.

Should the responsible personnel for decision making thereof decide to proceed with the program to extinguish this devastating event once and for all we respectfully propose the following:

## ***THE DEMONSTRATION & NOVEL SOLUTION:***

*To demonstrate efficacy, we propose that FireStopper® demonstrate the efficacy of its appropriate product in extinguishing the native coal material in a similar condition as it exist underground; taking a controlled quantity and temperature level depicting close as possible said conditions, e.g.:*

### *First Step*

- *A moderate quantity of the coal material (50-lbs to 500-lbs) ignited to the highest potential temperature*
- *Depending on the actual size of the demo fire, FireStopper® shall demonstrate the most economical extinguishment in time, product and effort*

### *Second Step*

*In order to determine the way forward, we recommend the following second approach:*

- *A sector of active underground fire should be chosen*
- *Thermal mapping must be taken to determine the temperature, depth and course of said sector fire*
- *Once analyzed, a starting point shall be chosen and product quantity and equipment shall be determined*
  - *The recommended equipment*

- *Fracking Pump Trucks & personnel (numbers shall be determined by the initial area to be extinguished)*
- *Ground drilling equipment & Personnel*
- *Product transmission hoses and nozzles as needed*
- *Fire fighting personnel*
- *Water supply*
- *Other necessary diagnostic equipment (TBD)*

*This second step is necessary to determine adequate levels of FireStopper® AB 40002 FFC to maintain and manufacture for said massive project. Also, this step will help to calculate a general budget to terminus.*

## **Conclusion**

In the interest and service of the public, the *Municipal Fire Services* must engage in providing the best and most effective fire and fire related protection possible. Within the scope of said mandate, fire services should also provide for the safety of its personnel in the act of the intended task and within this pursuit. It is incumbent upon said service to investigate and identify the most reliable new technologies and products that will enable them to deliver the best and most reliable results available.

In the current profound social and economic conditions, *Government, Industry and the Consumer* cannot afford the risk of loss both materially and the ever present risk to life. **FireStopper®** offers the only real security against the ever present danger of catastrophic fire and or worst, the possibility of an added explosion event.