



INTRODUCING
“The Fail-Safe,” All
Flammable Effective
FFC TechnologySM
(FIRE FIGHTING CATALYSTTM)

We Are Unleashing the Power of
Fire Safety with FireStopper®!

FireStopper®, the global pioneering, & only
cutting-edge fire prevention, firefighting, &
anti-explosion Technology...

“Imagine a world where safety knows no bounds,
where flames bow down before the might of
innovation and environmental preservation is
paramount. That world is now a reality, and it's
brought to you by FireStopper®.”

Technical

Marketing Department:
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OUR STORY:

FIRESTOPPER® International Limited (hereinafter ***FIRESTOPPER®***), a transnational Registered Company. The developer of the world's most advanced, unparalleled, and uniquely powerful firefighting and anti-explosion technology and other distinct applications. Moreover, this uniquely endowed "Technology" has produced the only proven **"All Fire Class & Anti-explosive"** products, which are all **Non-Toxic, Non-Irritant, Environmentally Safe and Non-Hazardous**.

This advanced and diverse scientific work has yielded the widest spectrum of practical applications from an array of products adhering to the same distinctiveness, safety in use, and full reliability. Moreover, ***FIRESTOPPER®*** considers its technology to be a closely held **"Proprietary Technology"** within the meaning of the Uniform Trade Secrets Act ("UTSA") Cal. Civ. Code Sec. 3426, Common law, Business and Profession §17200 and all other applicable U.S., and international statutes.

In pursuit of stand-alone excellence, ***FIRESTOPPER®*** engaged in a span of over 30-years of R&D and market research affording it the space to fully develop its technology. Giving way to developing a diversified and superior portfolio of products; all while assessing its viability in the marketplace.

These unprecedented efforts pinpoint ***FIRESTOPPER®*** as the recipient of never before achieved results in Global testing and certifications for firefighting media. (Without exception, all certifications have been granted by way of the most respected testing and certification facilities both domestically and internationally.) Thus, the evidence is indisputable; this technology's Products are clearly unsurpassed by all other product developers in the industry worldwide.

"*FIRESTOPPER®* continues to maintain its commitment to deliver far-and-away superior products derived from this insurmountable "Quantum Chemistry" based technology."

Assuring dependability and durability, this Company's efforts in engineering and manufacturing of full complements of supporting hardware and delivery systems to roundoff its overall superior quality. Said principal formidably and comprehensibly solves the long-standing and unacceptable negative results delivered from legacy firefighting.

"When change is necessary, *FIRESTOPPER®* showcases its capability to offer superior performance in its products, all while fulfilling and exceeding safety requirements, thereby addressing the issue of mediocrity. This serves as a directive to ensure and guarantee the utmost safety for first responders, the industry, the public, the environment, and most importantly, the Planet."

BACKGROUND

At the beginning of the 20th Century, the fire safety industry toyed with the idea of employing foam to fight fires. A high expansion/thick foam was adapted for use against some class "A" fire events, however, said product or technology prove to be useless against hydrocarbon fuels. This very limited usability for a firefighting product application shored up the continued use of water for most, if not every fire service where calls for firefighting became necessary...

In 1965, with the U.S. Navy's NRL (Navy Research Laboratory) invention of film forming foam, fuel fires became subjected to AFFF use. Aqueous Film-Forming Foam (AFFF) which all versions stood containing PFAS, all became banned in California starting January 1, 2022. Similar bans have been implemented in all other states. Additionally, the U.S. Congress decided to phase out PFAS in military firefighting foams by 2024. Now, this product is banned worldwide...

In the industry's deperation, the manufacturers of AFFF stumbled over eachother to comeup with a replacement for AFFF that would not employ fluorine, the cause for banning due to its production of forever chemicals known as PFAS. Notwithstanding, exposing once again the enduser to even worst health and environmental damage while failing to provide reliable extinguishment. Not taking into concideration the fact every step to produce a foam concentrate to fight class "B" fires prior to 1965 had been exausted.

THE INNOVATION

The **FIRESTOPPER®** FFC Technology is delivering for the first time ever the **PREDATOR FFC** (A premix product exclusive to **FIRESTOPPER®** Trademark Products) designed for use on all incipient fires regardless of flammable origin, intencity, or circumstances.

Advantages:

- Total safety when exposed to humans, animals, plants, and the environment,
- DLA Approval.
- Full efficacy on all fire class and subclasses (including nuclear related flammables)
- Approx. -99°F (-73 °C) freeze resistance without harmful antifreeze additives.
- Viscosity: water-thin
- Non-aggressive to common materials and more...
- Little or no maintenance required.
- Extremely low evaporation providing additional protection against fire.
- Reliably bio-degradable, while helping to restore the biome in the aftermath of fire occurrences.
- Anti-explosive properties...
- Highest ratings in the world both under: EN3-7 & UL7-11
- Highest Eco-Safety testing results under *HOCNF*, while meeting or exceeding *FHSA regulations, 16 CFR 1500 and California Proposition 65 & EPA1633*
- Ideal for use where extreme cold temperatures may be a factor.
- The ideal product for use in concert with *FireStopper®* CAC (*Compressed Air Catalyst*) units; please explore CAC Catalog
- Highest stability and reliability while under harsh environment storage.

Key Properties:

- *Viscosity: Water thin*
- *pH: Neutral*
- *Colorless/odorless*
- *Nonirritant to skin or eyes, environmentally safe & nonaggressive to most materials*

APPLICATION

Since the advent of foam and AFFF the fire related services personnel have trained to operate with water and foam concentrate. Water is the worst media to employ against fire and foam is limited at best requiring special equipment and training to deploy. The U.S. Fire Administration reports that the average structural fire uses 27K to 30K gallons of water; with the result usually of total or massive destruction.

The reality and history of foam, whether class "A" or AFFF, requires massive application to achieve a fragile control of fire. Usually the fuel burns off and massive amounts of foam is left to be cleaned up and processed; the consequences have been devastating. We ask, what is the usual result of foam use at airport related fires or industrial/refinery fires; total destruction with massive losses not to mention the damage to the environment and loss of life.

FIRESTOPPER® PREDATOR FFC is a Technology and product at least 50-years ahead of the industry simplifying the task of firefighting, creating a fail-safe firefighting environment that always deliver quick and complete fire extinguishment eliminating the task of fire controlling methodology. Thus, resulting in huge economic consequences and massive reduction of man-hours work.

This extinguishing media was designed to replace all other firefighting media regardless of flammable source or existing environment. It can be deployed through all available equipment used to deploy water. For superior performance, **FIRESTOPPER®** recommends fog producing nozzles at a range of 600 to 1000-psi (**FIRESTOPPER®** through its OEM relationship with Akron Brass is providing a state-of-the-art nozzle ideal for use in all **PREDATOR FFC** applications.

No more special equipment, special training, and special handling requirements for use. Due to the speed of extinguishment delivered by this product, **PREDATOR FFC** manifests massive economic advantages over all other firefighting media in use.

FIRESTOPPER® Certifications and Credibility

FIRESTOPPER® has earned numerous certifications and approvals from the most reputable organizations, reinforcing its reliability and quality:

Category	Certification/Approval	Issuing Entity	Location
Human Exposure	Medical: Skin & Eye Irritation, Oral Toxicity	NAMSA	Philadelphia, PA
Concentrate	EPA 1633	Pace® Analytical Labs	Roseville, MN, USA
Foams	UL162	UL	Northbrook, IL
Extinguishers	ANSI/UL711, ULC	Southwest Research Inst.	San Antonio, TX, USA
Extinguishers	EN3-7, EN3-MPA	MPA Dresden	Dresden, Germany

Category	Certification/Approval	Issuing Entity	Location
Environmental Testing	According to MilSpec requirements	Associated Laboratories	CA, USA
International Foams	European Standard EN 1568	MPA Dresden	EU
International Foams	ICAO	CNPP	France
Marine	IMO	MPA Dresden, Lloyds Registry	EU
Marine	Harmonized Offshore Chemicals Notification Format	OPUS, Ltd.	UK

These certifications, including EPA, UL, and IMO approvals, demonstrate **FIRESTOPPER®**'s compliance with stringent safety, environmental, and performance standards, making it a trusted choice for fire safety [FireStopper® Certifications](#).

CONCLUSION

Asymmetric warfare and conventional engagements will require a new generation of fire protection. **FIRESTOPPER®** has developed the deepest variety and most flexible hardware to deploy the most advanced, powerful, and reliable safe array of firefighting and anti-explosion media available in the World. No matter whether it is for massive application use or in a limited format, the **PREDATOR FFC™** is exclusively designed for use through **FIRESTOPPER®** Trademarked portables and fixed systems **FIRESTOPPER®** is capable and ready to deliver the widest spectrum of safety and economic savings no matter the demand or application...



**“ULTIMATELY...MAKING THE PLANET SAFE
FROM FIRE_{SM}!”**