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PREPARE, PROTECT, SURVIVE

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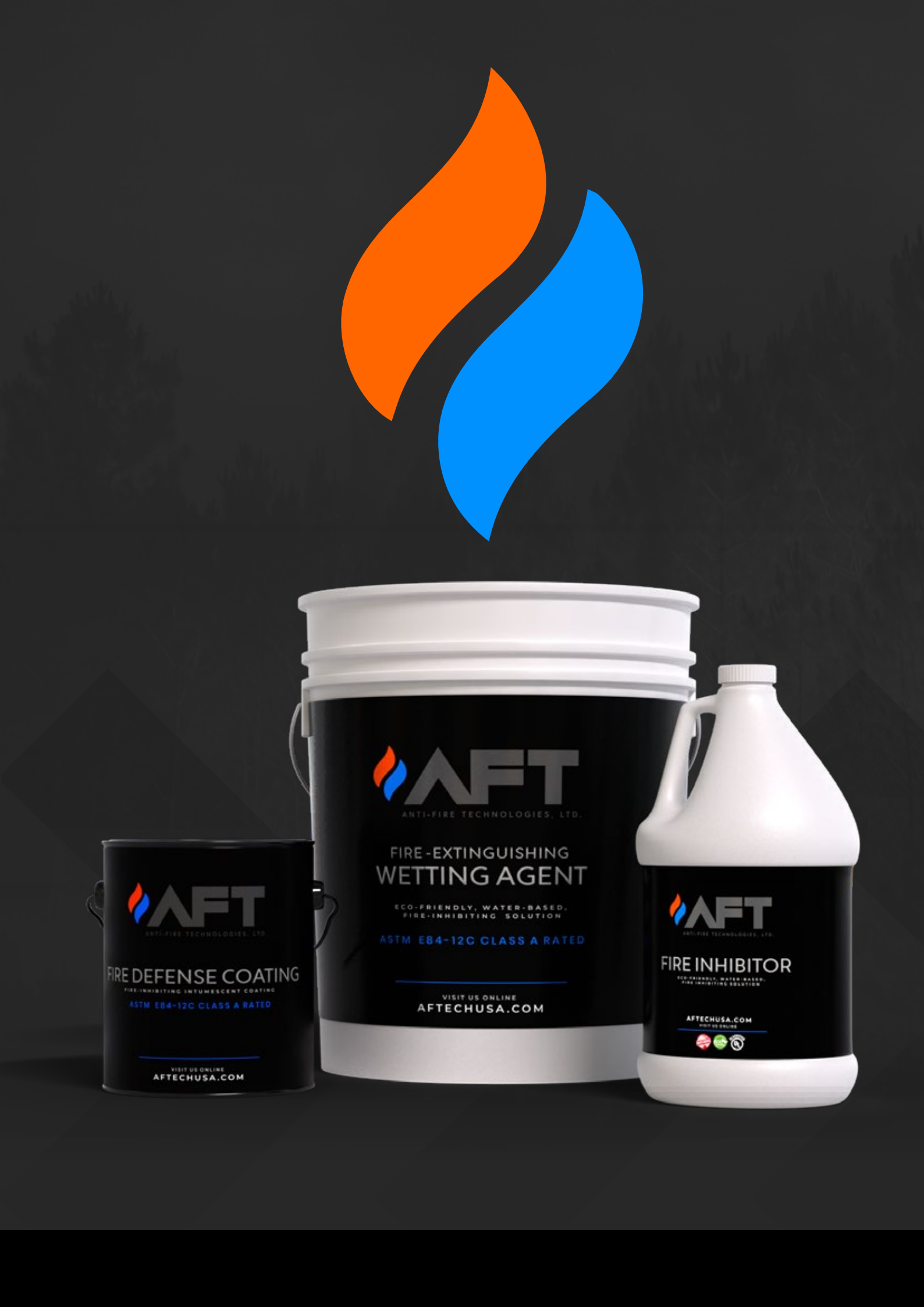
AFT
ANTI-FIRE TECHNOLOGIES, LTD.
FIRE-EXTINGUISHING
WETTING AGENT
ECO-FRIENDLY, WATER-BASED,
FIRE-INHIBITING SOLUTION
ASTM E84-12C CLASS A RATED
VISIT US ONLINE
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FIRE DEFENSE COATING
FIRE-INHIBITING INTUMESCENT COATING
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FIRE INHIBITOR
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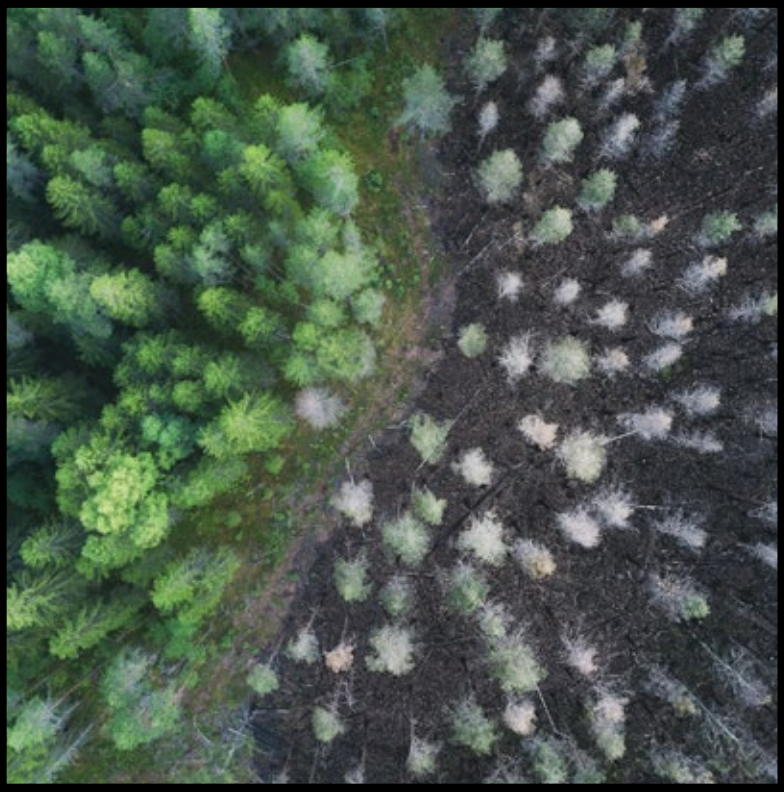
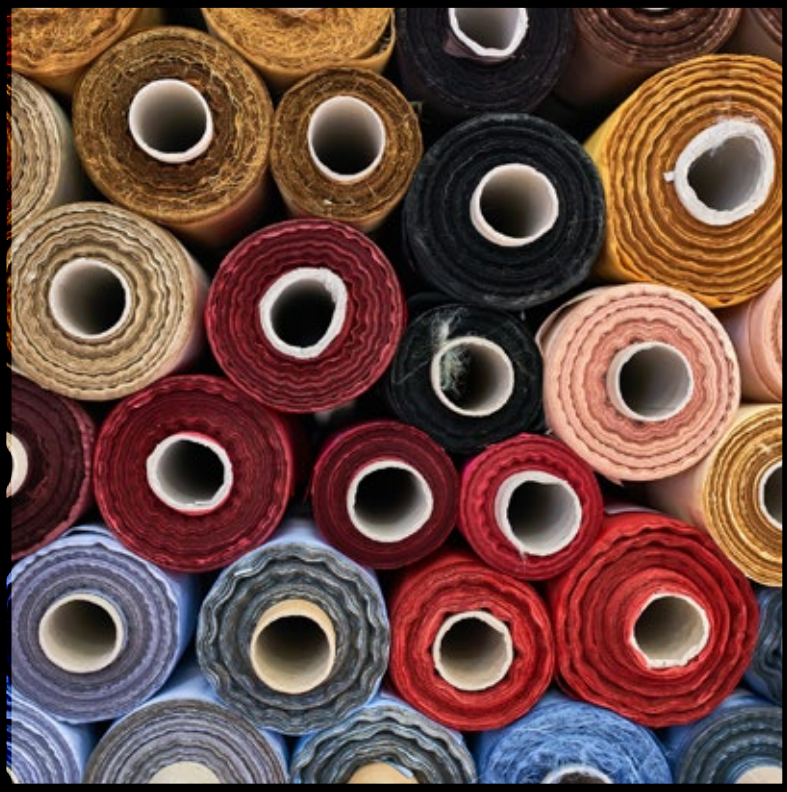
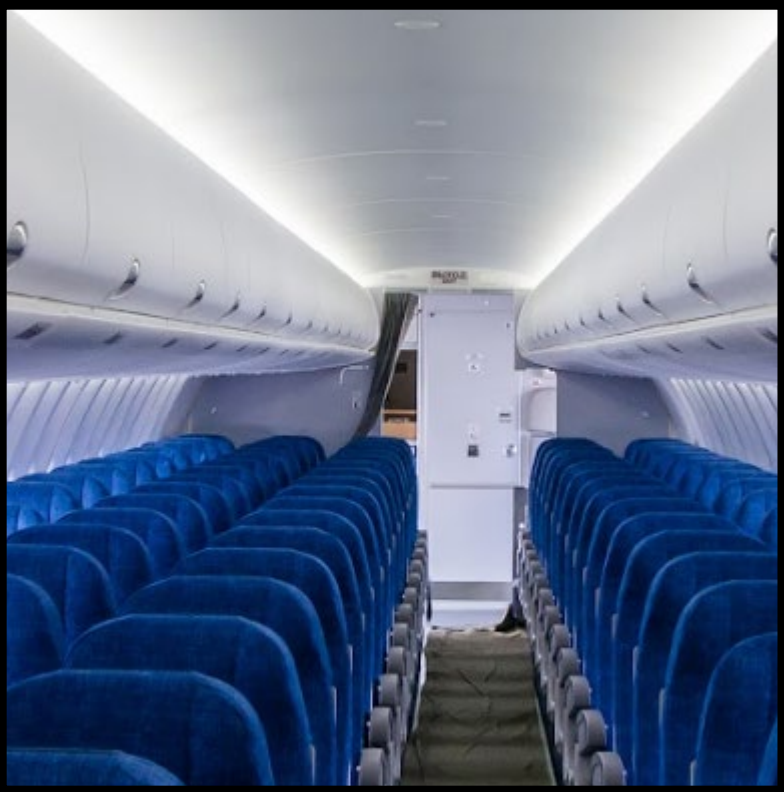






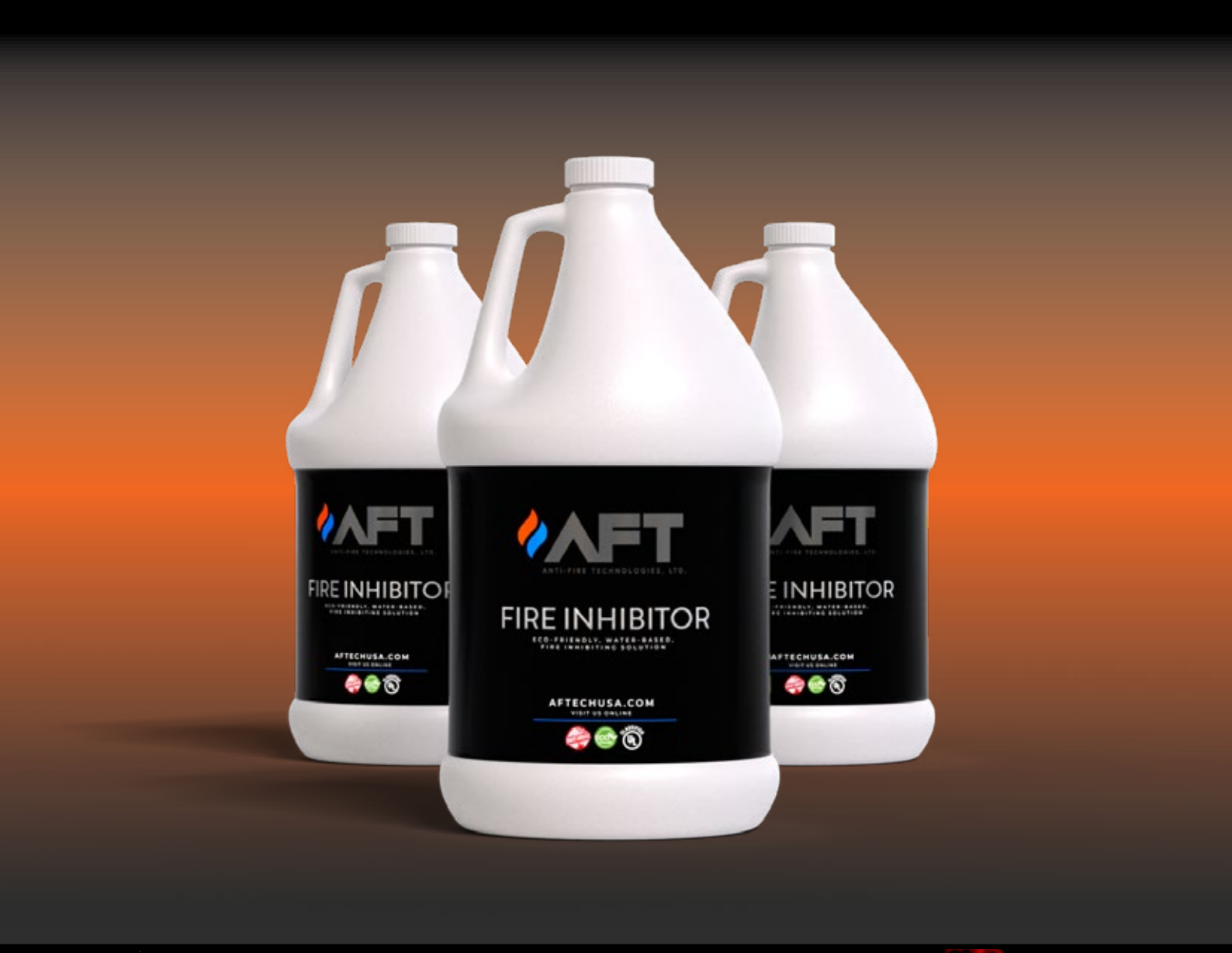
ANTI-FIRE TECHNOLOGIES, LTD.

ABOUT ANTI-FIRE TECHNOLOGIES

Founded in 2016, Anti-fire Technologies ("AFT") and its product lines were developed to provide a spectrum of eco-conscious, fire deterrent solutions superior to the market alternatives which either contain toxic materials or, if eco-friendly, are not effective enough. Our expertise spans a variety of sectors, including textile, hospitality, construction, aviation, the automotive industry, building materials, municipal fire fighting services, and forestry.

AFT is made up of a suite of fire protection and prevention products that are as gentle on the environment as they are on humans and animals. These solutions, thoroughly vetted and exceeding industry benchmarks, include a versatile inhibitor blend, a solution developed explicitly for extinguishing A, B, D, F, and K-class fires, and a halogen, bromide, and fluorine-free wetting agent. Our latest innovation is a multi-use Fire Defense Coating.

2017 was a landmark year for us, marking our receipt of the FDNY Certificate of Approval and the UL Certificate of Compliance - a testament to our unwavering dedication to safety and excellence.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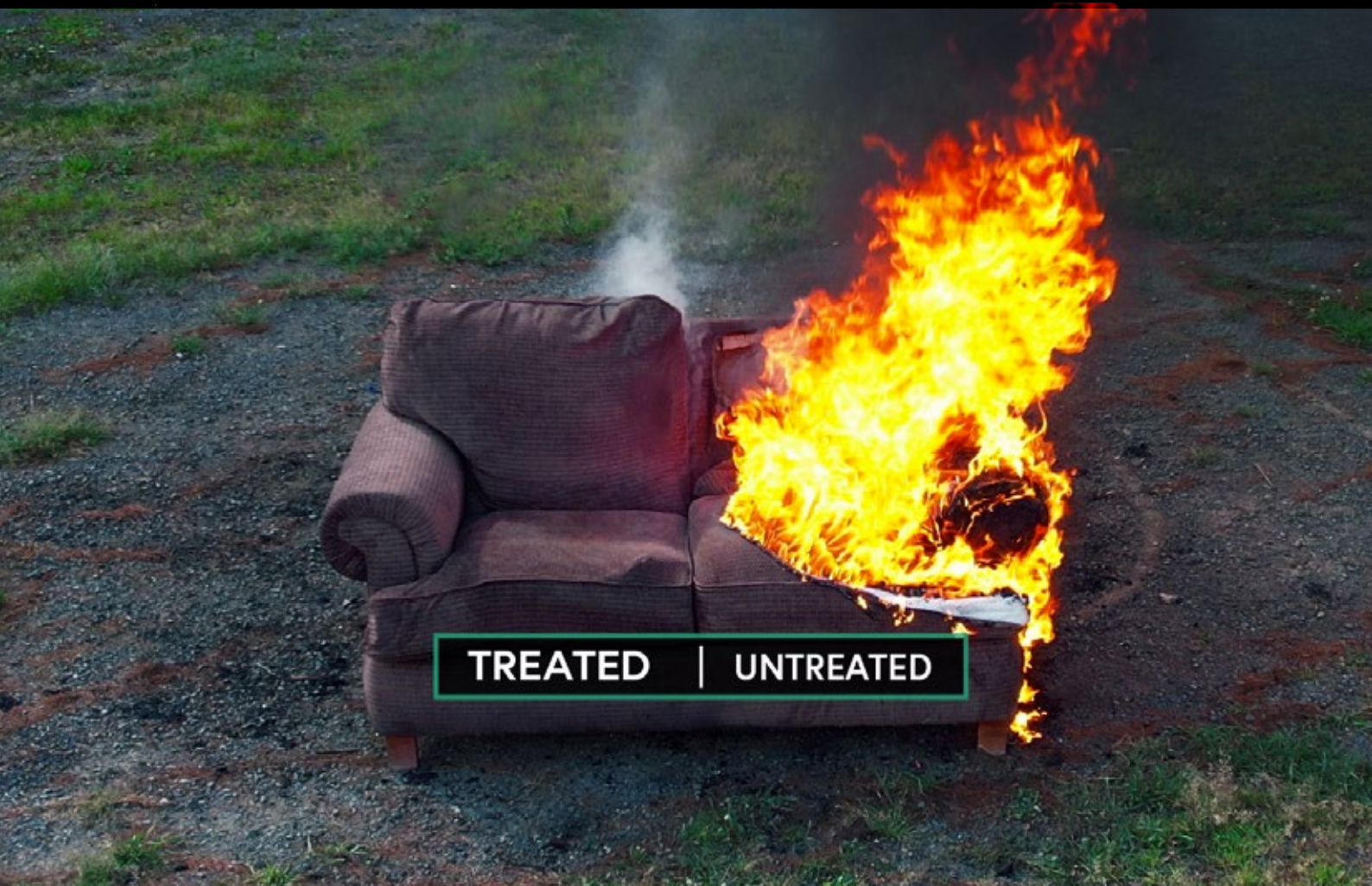

TREATED | UNTREATED

ANTI-FIRE TECHNOLOGIES, LTD.

FIRE INHIBITOR

AFT's Fire Inhibitor renders any naturally porous, water-absorbent material flame-resistant. When subjected to high heat, treated material will not ignite, burn or spread flame. Our solution is non-toxic, eco-friendly, and non-corrosive. It can be easily applied on-site or at manufacturing facilities.

Advanced Fire Inhibition: AFT's technology ensures materials won't ignite or burn.

Safe & Sustainable: Non-toxic, non-corrosive, and eco-friendly formula.

Ease of Application: Easily applied through spraying, padding, dipping, brushing, or fogging.

Durable Protection: Prevents flame spread and afterglow, with materials classified as Class A/Class 0 non-flammable.

Extensive Coverage: Efficient application with 1 gallon covering approximately 300 Sq Ft. of flat surfaces and 150 Sq Ft of irregular surfaces such as dense vegetation.

UL GREENGUARD GOLD: Our Inhibitor proudly bears the UL GREENGUARD GOLD seal, affirming our eco-friendliness.

AFT APPLICATIONS: VERSATILE & CERTIFIED

Plywood & Structural Lumber: Achieved Class A NFPA certifications for plywood, OSB, gypsum, red oak, and douglas fir.

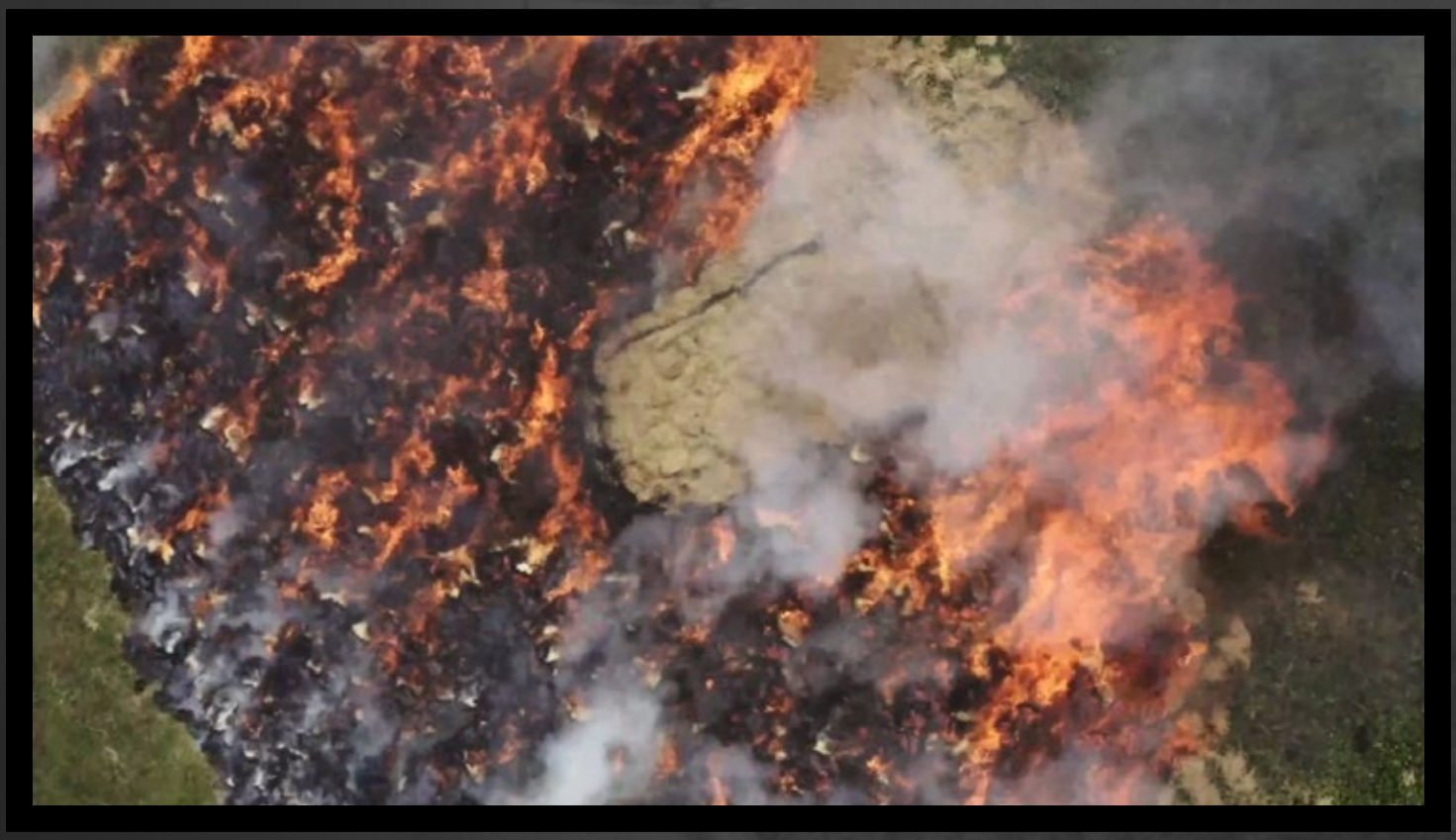
Wide Material Compatibility: Effective on natural and synthetic fibers such as cotton, wool, nylon, and polyester.

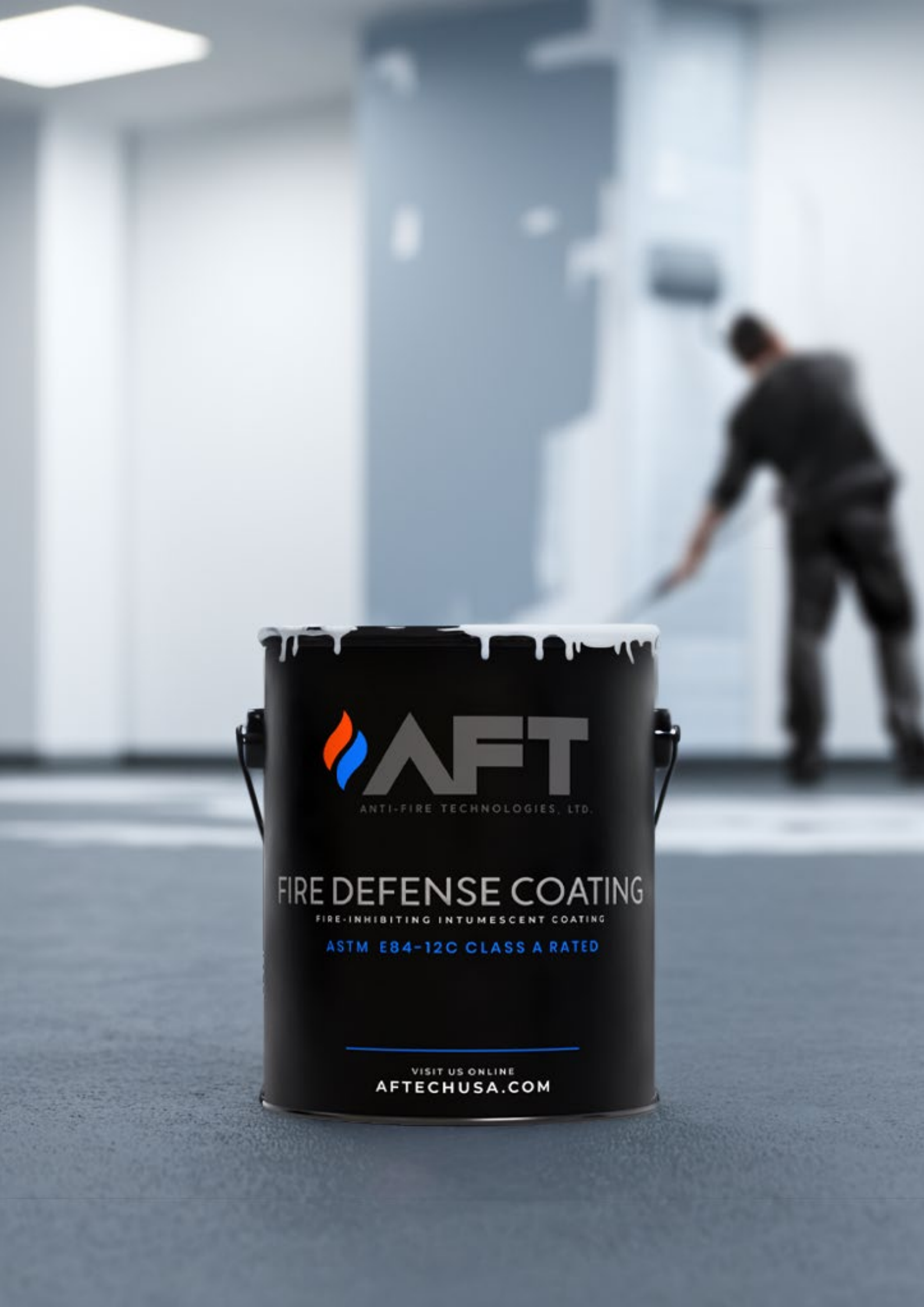
Diverse Use Cases: Applicable to lumber, curtains, carpets, upholstery, wall coverings, and more.

Sector Spanning: Suitable for offices, homes, public venues, transportation, and healthcare facilities.

Certification: UL Certified with numerous NFPA certifications, meeting stringent FAA testing standards.

Video: Fire Inhibitor

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ANTI-FIRE TECHNOLOGIES, LTD.

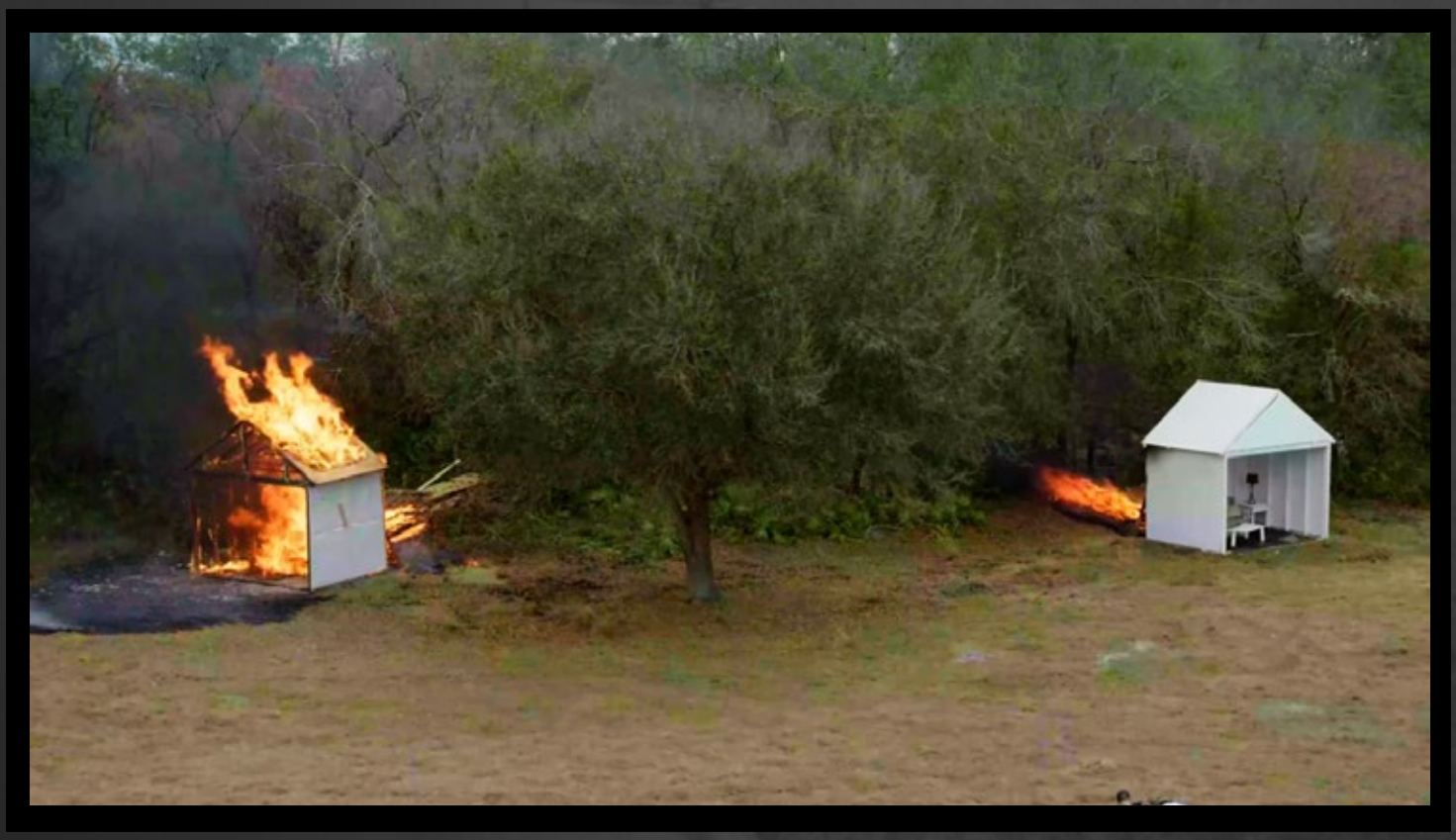
FIRE DEFENSE COATING (PAINT)

Our eco-friendly, versatile, fire-resistant coating has a multitude of potential applications when applied as a paint.

- Building products
- Fuel storage tanks
- Home protection
- Historical structure protection
- Restaurant hot spots
- Fire walls

Our Fire Defense Coating offers a discreet yet powerful form of protection against fire. When applied as a foundational coat, it creates a barrier that remains invisible but is highly effective in safeguarding valuable assets during a fire incident. This innovative layer of defense is not only easy to apply but also integrates seamlessly with existing structures, ensuring that your most important possessions are shielded without altering the aesthetics or functionality of your space.

Video: Fire Defense Coating



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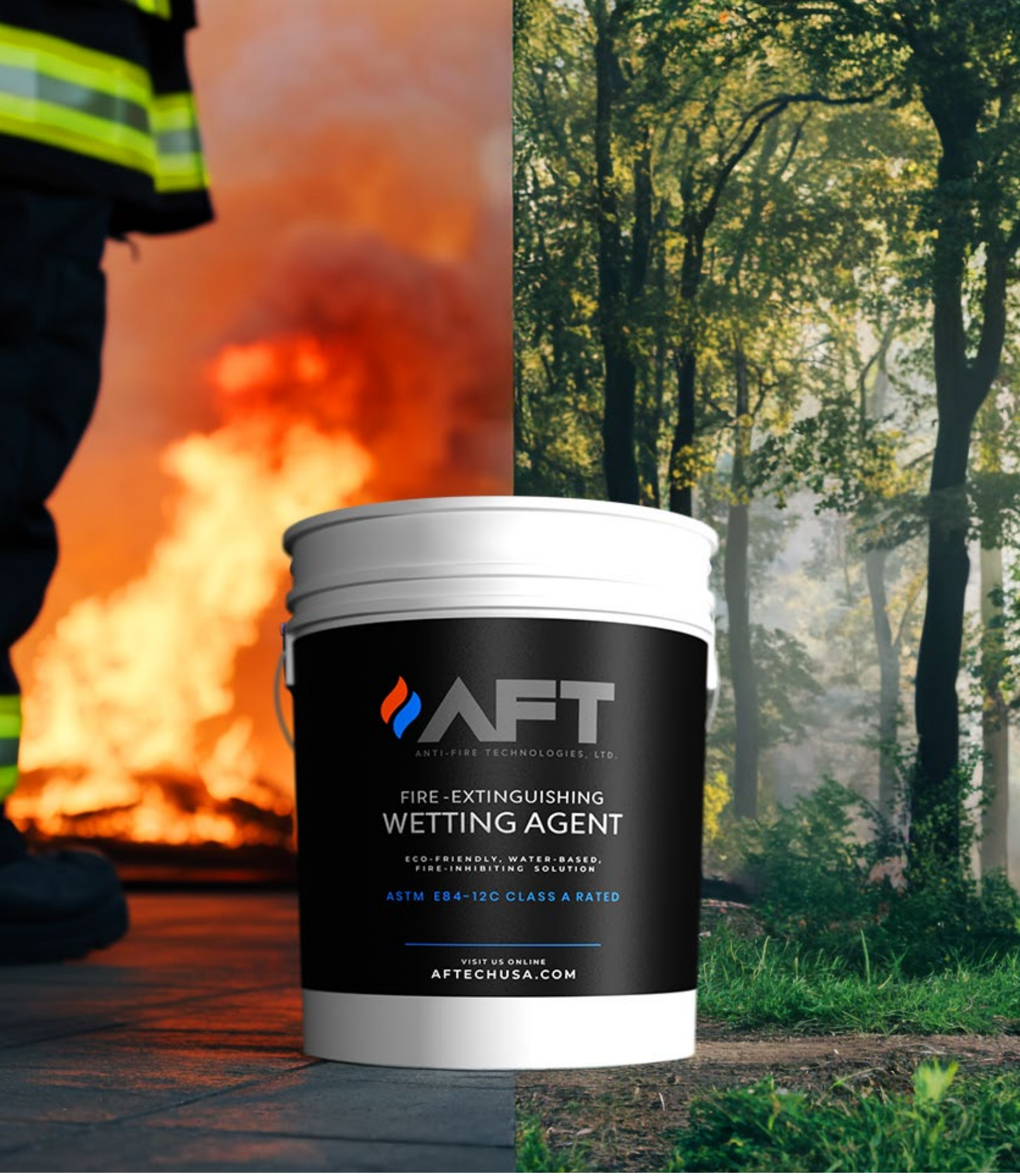

Environmentally friendly Florine, Halogen, and Bromide-free product that gives an alternative to traditional products on the market.

ANTI-FIRE TECHNOLOGIES, LTD.

FIRE-EXTINGUISHING WETTING AGENT

An advanced solution for firefighting, AFT Fire-Extinguishing Wetting Agent specializes in tackling Class A, B, D, F, and K fires. It's formulated to suppress flames fueled by combustible liquids, greases, tars, oils, oil-based paints, solvents, alcohols, and flammable gases, providing a versatile and reliable defense in high-risk fire scenarios. AFT's innovative wetting agent creates a barrier that not only extinguishes flames but also prevents re-ignition, ensuring a safer environment for both firefighters and property. This eco-friendly agent also is designed to extinguish fires in a variety of combustible materials like wood, cloth, paper, rubber, plastics and numerous other materials.

Videos: Fire-Extinguishing Wetting Agent

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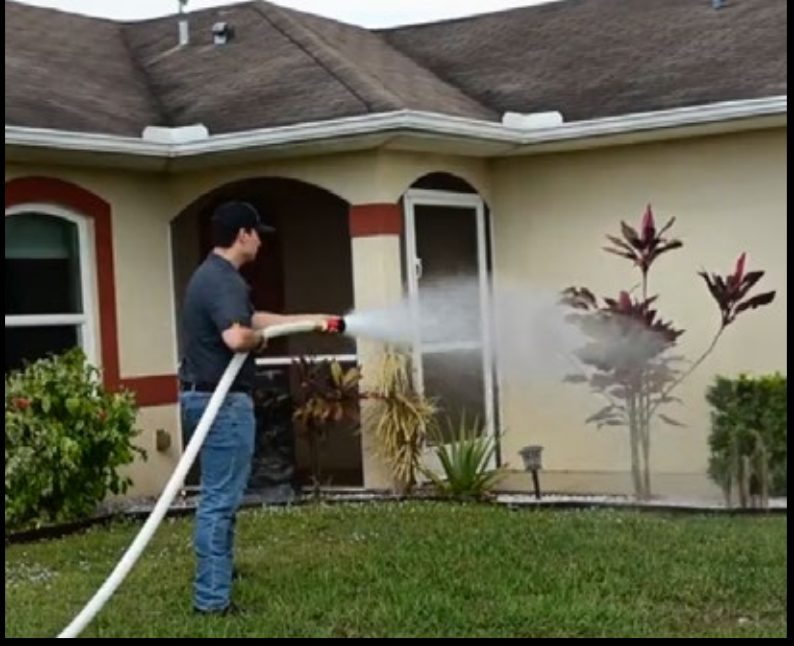
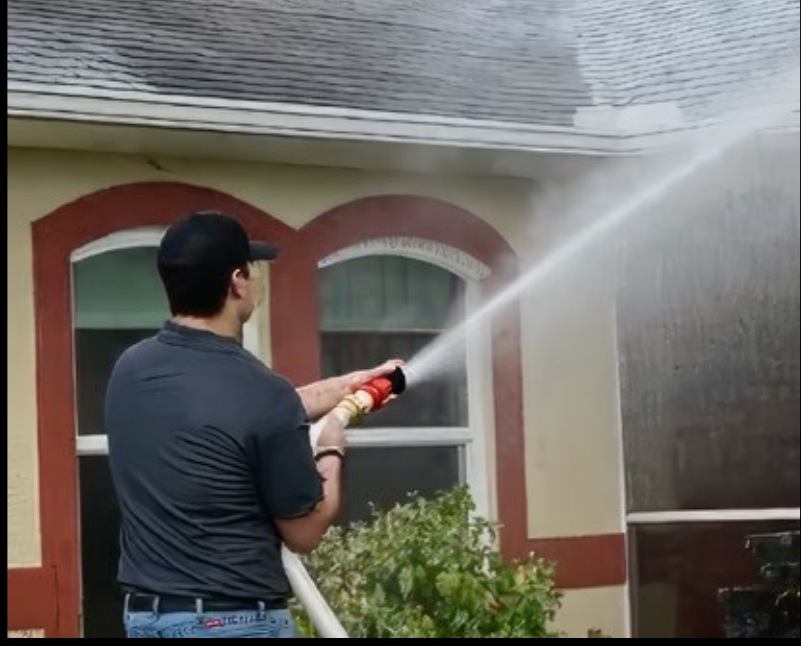
ANTI-FIRE TECHNOLOGIES, LTD.

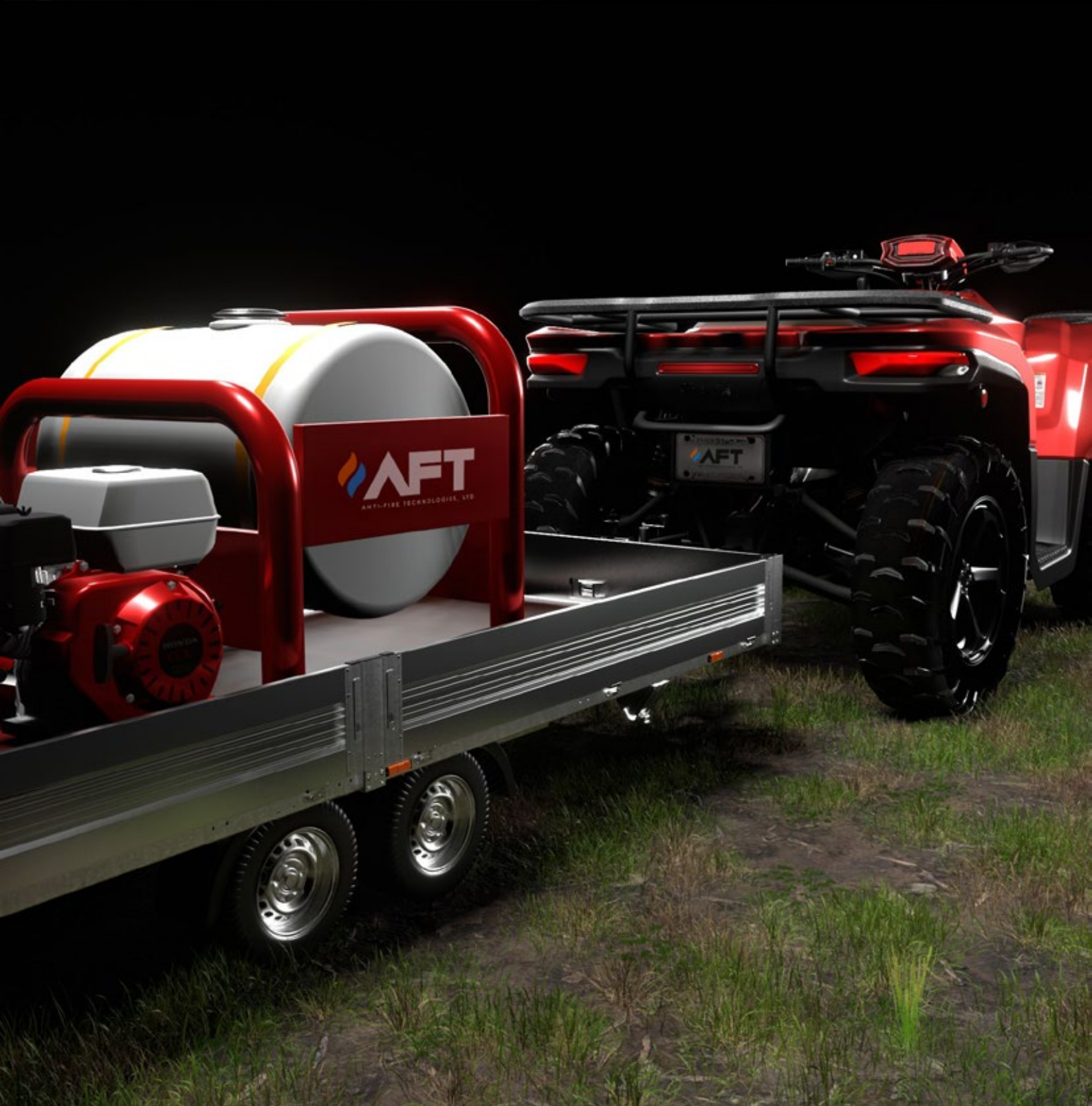
HOME PROTECTION SOLUTION (FORMERLY CLEARPATH)

Prepare your property or home with the easy-to-apply, customizable, space efficient, AFT Home Protection Solution system paired with our revolutionary non-toxic fire-retardant solution.

- Space efficient for storage
- Easy to use
- Minimal training instructions involved
- Can be mounted for transportation around property or applied with many commerically available sprayers
- Patented eco-friendly fire-retardant solution
- Refillable container
- Safe to administer
- Water based solution: PFAS free, Fluorine free, non-carcinogenic
- Safe for humans, pets, and the environment



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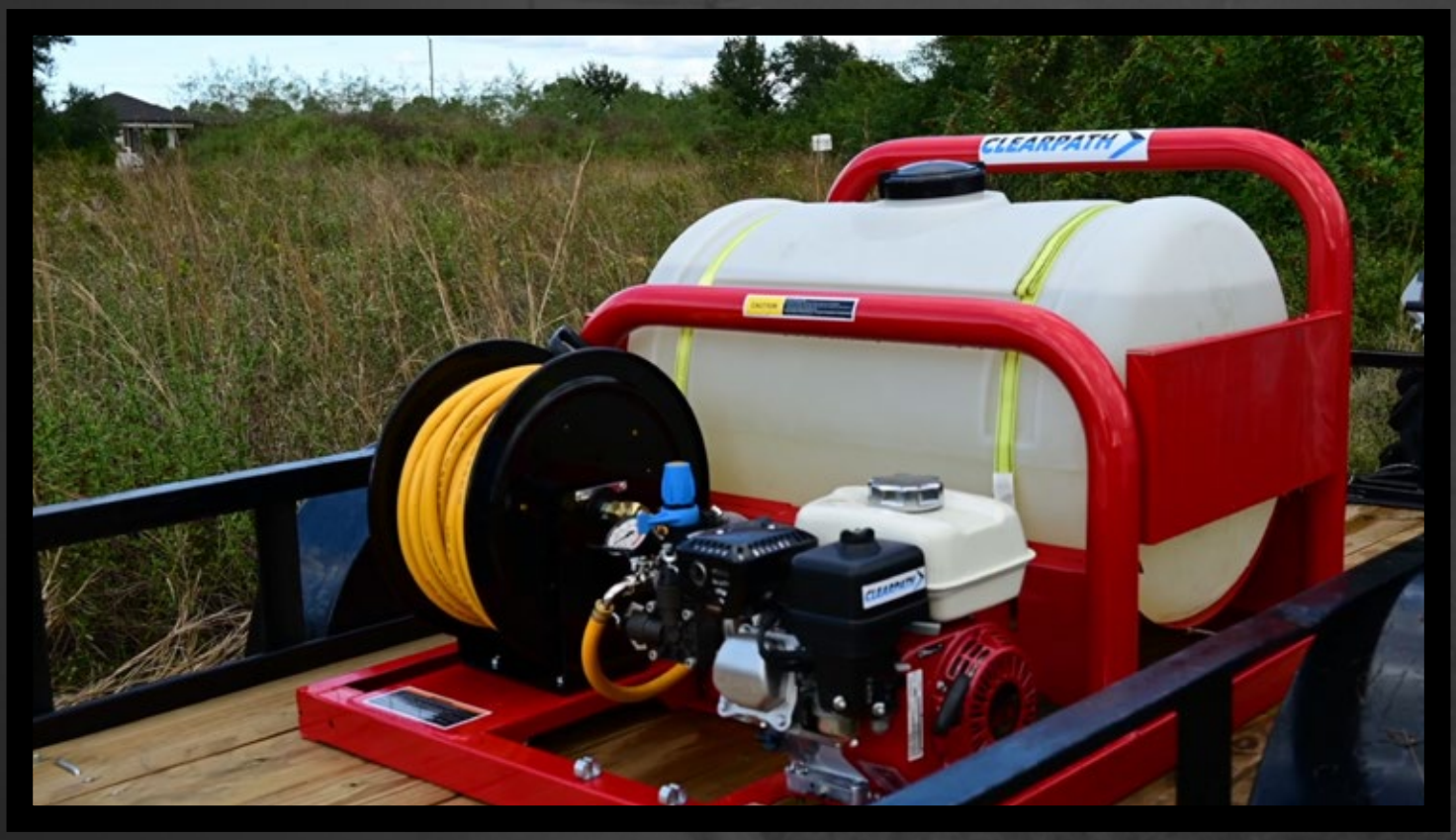
Video: Home Protection Solution



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RECENT AND CURRENT PROJECTS:

Textile Treatments

- Seat coverings in the aviation industry for Lear Jets and Gulf Stream aircraft worldwide

- Interior fit outs in RV and camp trailers for Jayco Campers

- Canvas tents used in large outdoor events (music festivals)

- Leather and fabric wall coverings, window treatments, stage curtains, and upholstered furniture and carpets in hotels and offices

- Silk curtains for Air Force One (our highest profile textile project)

Building Industry Applications

- Wood framing on new home construction

- Interior and exterior wooden stalls and framing at equestrian centers

- Working with Mississippi State University Forest and Wildlife Research Center to incorporate our material into engineered building products which require a Class A rating

-Working directly with various building materials companies to incorporate our product into their composite products to obtain a Class A rating

- Using our fire defense coating is being used in resistive treating of homes in high wildfire areas in the western United States

Wildfire Home Protection

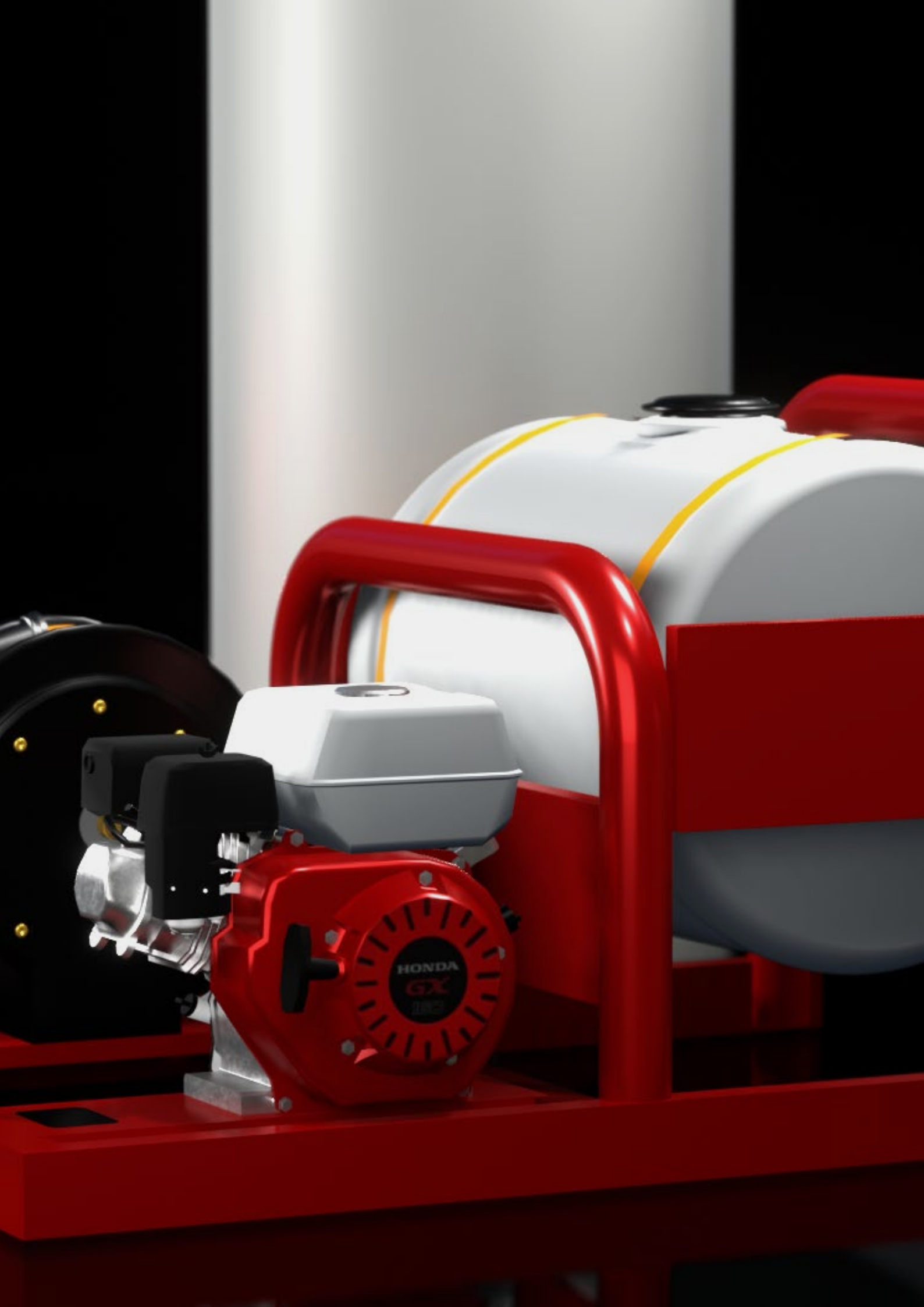
- Supplied thousands of gallons of FINC product to the Los Angeles area in January 2025 that were used as fire breaks and sprayed on homes to provide a protective barrier (Pacific Palisades fires)

- Working with home protection companies who provide exterior installed house mounted sprinkler systems to use our product instead of water

- Created a Home Protection System for homeowners who can apply our product themselves

BENEFITS OF THE **AFT** LINE OF PRODUCTS:

- Harmless to humans and the environment.
- Significantly reduces toxic fumes when applied to most substrates.
- Confines fire to its original source, reducing spread.
- Boasts a hassle-free application process; both invisible and odorless.
- Preserves the aesthetics and comfort of treated materials.
- Provides robust protection against intense heat and resists ignition.
- Economical and lightweight, offering more protection with less product.


HONDA
GX

SCHNEIDER

TEXTILE FINISHING, INC.

July 26, 2020

CanAm Scientific
Anthony Travonti
2238 Dundas Street W Suite 59027
Toronto, ONT M6R 3B5
Canada

RE: Fire Inhibitor Clear Path Inhibitor, a product of AF TECH USA LTD

Dear Anthony:

Our company is a global contract textile finishing company located in Dallas, TX. We compete in the building process mostly for high-end, often innovative, contracts in the hospitality, aircraft seating, and RV/mobile home interior industries, etc. We treat a wide range of natural and synthetic materials, including leather, with Clear Path Inhibitor and other finishes for a broad spectrum of applications.

In 2016, we started using Clear Path Inhibitor in our contract work with great results and consider it superior to other FR treatments, due to its soft hand after application and its increased heat transfer protection. It is a water based non-corrosive, non-toxic, and typically requires less product to reach the desired level of FR protection. Here are some of our company's successes with Clear Path Inhibitor.

- Clear Path Inhibitor finished fabric on Air Force One in 2016 after USAF approval for Clear Path Inhibitor. USAF sent two representatives to our plant to witness the rolling of the yardage after treatment (passed FAR 25.853a mandated by the FAA for every material on every aircraft operation in the US).
- Clear Path Inhibitor finished materials aboard Lear Jet and Gulf Stream aircraft (FAR 25.53a) worldwide.
- There have been no failures in our history of FAA-required testing, which must be done by FAA Designated Engineering Representatives (FAA-DER), eg..CC Aviation Diversified Testing Labs (Burlington, NC) and others.
- FINC finished leather for a wall covering in MM's Monte Carlo Casino, Las Vegas, NV (passed ASTME84 standard for walls, ceilings)
- FINC finished interior décor and textiles in multiple MGM Resort Casinos, including the Bellagio (passed NFPA 71 standard)
- FINC finished leather hides sent to us from Germany for testing to the standards:
    - FAR 25-853a aircraft seating
    - MVSS 302 standard for motor vehicle interiors

Our clientele expects the highest standards of excellence in the finishing of their materials, and Schneider Textile Finishing is pleased to be an industry leader with the applications of AF Tech's fire inhibitor Clear Path Inhibitor.

Sincerely,

Steve Schneider
President

2424 Converse St. · Dallas, Texas 75207 · (214) 638-6511 Fax (214) 638-6513

TESTING & CERTIFICATION

(Definitions: AFT (AF Tech USA Ltd); FAR (Federal Aviation Regulations); FAA-DER (Designated Engineering Representative); PPE: (Personal Protection Equipment, includes garments)

Standard/ Certification	Description	Material	AFT Compliance	3rd Party Compliance
UL Green Guard Gold. FINC40S	Toxicity	Not Applicable	UL Laboratories Chicago, IL.	
NFPA E84 FINC40S	Flame/Smoke spread Achieve Class A.	Doug Fir	SGS Labs	
NFPA E84 FINC40S	Flame/Smoke spread Achieve Class A.	Red Oak	SGS Labs	
"UL 723/ASTM E84: FINC40S Classification at Component Level; UL Mark"	Flame Spread & Smoke Development	Red Oak	UL Northbrook, IL	
FDNY Certificate of Approval	Drapery	"100% Cotton 100% Silk"	Vartest test reports	
ASTM E84: applications in many industries	Flame Spread & Smoke Develop	Red Oak	Govmark, NY	
"NFPA 701 Test I Drapery"	Flame Spread, Drip Burn Weight Loss	"100% Cotton 100% Silk"	Vartest Laboratories	
ASTM D6413; required by NFPA 2112 for PPE	Vertical Burn	100% Cotton	Vartest NYC	
"ATSTM F2700-08 required by NFPA 2112 for PPE"	Heat Transfer Performance (HTP)	100% Cotton	Vartest NYC	
ASTM D3776, Companion Test to F2700	Fabric Weight	100% Cotton	Vartest NYC	
"ASTM D1777, Opt 1 Companion Test to F2700"	Fabric Thickness	100% Cotton	Vartest NYC	
"FAR 25.853a FAA required for Aircraft Seating"	Extinguish Time, Burn Length, Drip Exting Time	Leather, Upholstery Fabrics	On Leather: (FAA- DER) CC Aviation, White Lake, MI	Upholstery Fabrics (Schneider for AFT)
"MVSS 302 Motor Vehicle Interiors"	Multiple Burn Requirements	Leather, Upholstery	On Leather	Upholstery Fabrics (Schneider for AFT)
"CAL TB 117 (UFAC Classl, & NFPA 260) Upholstery"	Cigarette Burn	Multiple		Leather, Upholstery Fabrics (Schneider)
"ASTM E84 Walls, Ceilings"	Flame Spread & Smoke Develop	Leather		Leather (MGM)
NFPA 701 UL Verification Testing on three Drapery fabrics	Flame Spread, Drip Burn Weight Loss	"100% cotton; 100% linen; 55/45 cot/lin"	"UL Verification Test for all three fiber contents"	
CAL TB 117 (UFAC Classl, & NFPA 260)	Cigarette Burn	Upholstery, Cotton Velvet	UL Verification Test	
NFPA 2112, standard required for all PPE	AFT's 100% cotton fire escape poncho will undergo UL Vertification Testing at the component level to 2112 standard		"AFT's 100% cotton fire escape poncho will undergo UL Verification Testing at the component level to 2112 standard"	
FAR 25.853d FAA req for Aircraft Bulkheads, Overhead Bins, Wainscoting	Ohio State University (Schneider for AFT) Successful test results will change the industry from using plastic for these interior surfaces to more aesthetically pleasing, sound-absorbing textiles..		"Ohio State University (Schneider for AFT) Successful test results will change the industry from using plastic for these interior surfaces to more aesthetically pleasing, sound-absorbing textiles.."	
NFPA E84 Fire Defense Coating	Flame Spread & Smoke Achieve Class A	Various including OSB and Plywood	SGS Labs	
NFPA E2768 Fire Defense Coating	Flame Spread & Smoke Achieve Class A	Gypsum	SGS Labs	

USA

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