

We Are The  
**FLAMEPROOF**  
c o m p a n i e s

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Manufacturers of High Performance Treated Wood Products  
and Distributors of Commercial Building Materials.

intertek  
Total Quality Assurance



[www.flameproof.com](http://www.flameproof.com)



# FLAMEPROOF COMPANIES

[www.flameproof.com](http://www.flameproof.com)

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## PRODUCTS AND SERVICES

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Since 1991, **Flameproof Companies** has been committed to providing superior products and excellent service to our customers. We believe our adherence to these fundamental principles allows us to provide a great experience to our customers and build lasting relationships.

Flameproof Companies is a manufacturer and distributor of treated lumber and specialty building products for the commercial, industrial and multi-family building industries. We specialize in building code compliant, environmentally friendly fire retardant and preservative treated wood products, along with related construction materials.

We have facilities strategically located in Chicago, Illinois; Milwaukee, Wisconsin and Fort Worth, Texas to best serve these regions. A new production facility is planned for the eastern U.S. in 2021.

We embrace innovation in products and production processing, allowing us to bring to our customers the very best our industry has to offer.

We look forward to servicing you today and building a relationship for tomorrow, and beyond.



# FLAME TECH™

## Class A Rated Fire Retardant Treated Wood Products

### Certified and Listed with Accredited Testing Agencies

Flame Tech™ fire retardant lumber and plywood products have been tested, certified and listed with QAI Laboratories (Listing B-1093-1), Intertek Laboratories (Listing 720035) and Underwriters Laboratories (Listing BUGV.r39579 & BPVV.r39580), all of which are prominent, internationally accredited testing agencies.

### Ongoing Independent Third Party Inspections

Timber Product Inspection (TPI) provides ongoing random follow-up inspections to assure compliance with AWP standards for fire retardant treatment and the required quality control metrics for fire retardant chemical, physical treating parameters and kiln drying. This monitoring program is in addition to the QAI, UL and Intertek follow-up requirements for listing.

### Building Code Compliant

All Flame Tech™ fire retardant lumber and plywood (ICC ESR 4056) meets the requirements for FRTW listed in ICC AC66 and as such are compliant with major building codes. Flame Tech™ treated wood products are compliant with 2018, 2015, 2012 and 2009 International Building Code® (IBC).

Always check with applicable building codes to determine what specific criteria are required for any given locality or job.

### American Wood Protection Association (AWPA) Compliance

Flame Tech™ Fire Retardant wood products comply with AWP UC-1 and UCFA use category system. Flame Tech™ treatment process meets the AWP T1 standard and Flame Tech™ chemical has been analyzed by Timber Products Inspection (TPI) to determine that the chemical components meet AWP P-50 protocol.





# FLAME TECH™

## Applications for Use

Fire Blocking  
Plywood Roof Sheathing  
Wall Framing  
Wall Sheathing  
Store Fixtures  
Underlayment  
Subfloors  
Mezzanine Floors

Flat Roof Blocking  
Lumber Roof Decking  
Interior Roof Trusses  
Interior Floor Trusses  
Interior Millwork  
Interior Scaffold Plank  
Interior Wall Blocking

## Testing and Approvals

### ASTM International (ASTM):

**ASTM D3201** – Standard Test Method for Hygroscopic Properties of Fire-Retardant Wood and Wood-Base Products

**ASTM D5516** – Standard Test Method for Evaluating the Flexural Properties of Fire-Retardant Treated Softwood Plywood Exposed to Elevated Temperatures

**ASTM D5664** – Standard Test Method for Evaluating the Effects of Fire-Retardant Treatments and Elevated Temperatures on Strength Properties of Fire-Retardant Treated Lumber

**ASTM D6305** – Standard Practice for Calculating Bending Strength Design Adjustment Factors for Fire Retardant Treated Plywood Roof Sheathing

**ASTM D6841** – Standard Practice for Calculating Treatment Adjustment Factors for Fire Retardant Treated Lumber

**ASTM E84** – Standard Test Method for Surface Burning Characteristics of Building Materials

**ASTM 2768** – Extended Duration Surface Burning Characteristics of Building Materials

**ASTM E119** – Fire Tests of Building Construction and Materials

### American Wood-Protection Association (AWPA):

**AWPA E12** – Standard Method of Determining the Corrosion of Metal in contact with wood

**AWPA P50** – Standard for Fire Retardant FR-2 (FR-2)

**AWPA T1** – Use Category System: Processing and Treatment Standard

**AWPA U1** – Use Category System: User Specifications for Treated Wood

### Certification Agencies

**Intertek** – **ASTM E84/ASTM E2768** – Intertek SpecDirect ID – 37150

**Intertek** – **ASTM E119** – FRCT/FRWT 120-1, FRCT/FRWT 120-2, FRCT/FRWT 60-1, FRCT/FRWT 60-2, FRCT/FRWT 60-3, and FRCT/FRWT 60-4

**QAI** – **ASTM E84/ASTM E2768** – B1093-1

**UL** – **723** – Lumber BUGV.r39579 and Plywood BPVV.r39580

### Code Compliance Research Reports

**CCRR-1088** (Intertek) – FlameTech™ Fire Retardant Treated Wood

**LARR 26119** (Los Angeles Research Report) – FlameTech™ Fire-Retardant-Treated Wood

**ICC ESR Report ESR** – 4056

# FLAME TECH™

## Strength Testing

### Lumber Treatment Adjustmet Factors for Temperatures up to 100°F (38°C)

Structural Property	SPF	SYP	Doug Fir	Other Species
Bending MOR	0.96	0.82	1.00	0.82
Bending MOE	0.93	0.87	0.99	0.87
Tension Parallel to Grain	1.00	0.98	1.00	0.98
Shear Parallel to Grain	1.00	0.95	1.00	0.95
Compression Parallel to Grain	0.96	0.96	0.96	0.96
Compression Perpendicular to Grain	0.95	0.95	0.95	0.95
Fastener / Connectors	0.90	0.90	0.90	0.90

### Treatment Adjustment Factors for Service Temperatures < 150°F

Test Standard	Property	SPF			Southern Pine			Douglas Fir		
		1A	1B	2	1A	1B	2	1A	1B	2
ASTM D5664 Proc	Bending MOR	0.91	0.93	0.95	0.81	0.81	0.81	1.00	1.00	1.00
	Bending MOE	0.96	0.96	0.96	0.88	0.88	0.88	1.00	1.00	1.00
	Tension Parallel to Grain	0.93	0.96	0.99	0.93	0.96	0.99	1.00	1.00	1.00
	Shear Parallel to Grain	0.93	0.96	0.99	0.88	0.91	0.94	1.00	1.00	1.00
	Compression Parallel to	0.88	0.91	0.94	0.89	0.92	0.95	0.96	0.96	0.96
	Grain Compression Perp to	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
	Grain Fastener/connectors	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90

(1) Treatment adjustment factors for test data developed in accordance with ASTM D5664 and calculated in accordance with ASTM D6841

(2) Climate Zone Definition

- Zone 1 – Minimum design load or maximum ground snow load up to 20 psf.
- Zone 1A – South West Arizona, South East Nevada (area bounded by Las Vegas-Yuma-Phoenix-Tucson).
- Zone 1B – All other qualifying areas of the Continental United States.
- Zone 2 – Minimum ground snow load over 20psf.

### Treatment Adjustment Factor per Testing to ASTM D-5516, Calculated to ASTM D-6305

Test Standard	Performance Category	Untreated Span Rating	FlameTech® Treated Plywood Roof Sheathing				Subfloor Span <sup>(4)</sup> (in.)
			Maximum Span (in.)	Total Allowable Loads <sup>(1, 2, 3)</sup> (psf)			
				Climate Zone			
				1A	1B	2	
ASTM D5516	15/32, 1/2	32/16	24	29	43	60	16
	19/32, 5/8	40/20	24	49	73	103	20
			32	28	42	88	
	23/32, 3/4	48/24	32	40	60	84	24
			48	18	26	37	
	7/8	60/32	48	30	44	63	-
	1-1/8	60/48	48	30	44	63	-

(1) Load and span ratings developed in accordance with ASTM D5516 and calculated in accordance with ADTM D6305.

(2) All loads are based on two-span condition with strength axis perpendicular to supports.

(3) Panel edge support shall be required for roof sheathing. Panel edge clips when used shall be installed as follows: one midway between supports for 24-inch and 32-inch spans, two at 1/3-points between supports for 48-inch span. Clips must be manufactured for the plywood thickness used.

(4) Fastener size and spacing shall be as required in the applicable building code for untreated plywood of the same thickness.

(5) For low-sloped or flat roofs with membrane or built-up roofing having a perm rating of less than 0.2: use rigid insulation having a minimum R-value of 4.0 between the sheathing and the roofing, or use the next thicker panel than the tabulated for the span and load. (i.e. 19/32" for 24"; 23/32" for 32"); and use a continuous ceiling air barrier and vapor retarder with a perm rating less than 0.2 on the bottom of the roof framing above the ceiling finish.

(6) Flame Tech treated plywood must not be used as roof sheathing if a radiant shield is used beneath the roof sheathing.

(7) The total allowable load is the sum of the live and dead loads at maximum span.

(8) 15/32" and 1/2" plywood limited to 4-ply. 19/32" and 5/8" plywood is limited to 4-ply and 5-ply. 23/32" and 3/4" plywood is limited to 5-ply and 7-ply.

(9) Uniform load deflection limitations 1/180 of span under live load plus dead load, 1/240 under live load only.

(10) Subfloor is limited to 100 psf. maximum live load.

(11) Climate Zone Definition

- Zone 1- Minimum design load or maximum ground snow load up to 20 psf.
- Zone 1A – South West Arizona, South East Nevada (area bounded by Las Vegas-Yuma-Phoenix-Tucson).
- Zone 1B – All other qualifying areas of the Continental United States.
- Zone 2 – Minimum ground snow load over 20psf.

# Certified Wall Assemblies

## 2 hr Exterior Bearing Wall

(Design No. FRCT/FRWT 120-02)

### Max. Tested Load:

100% of Design Load

### Fire Ratings:

- 2 hr from interior
- 1 hr from exterior



\* Refer to ESR 4056  
for all wall assemblies.

(Required only for  
rating from Exterior)  
Brick Veneer or  
3/4 inch Cement  
Plaster (stucco)

**Flame Tech™**  
Pressure-impregnated fire-retardant  
treated plywood (min. 15/32 in. thick)  
(Tinted **RED** for quality control)

Fiberglass Batt  
(Insulation)

**Flame Tech™**  
Pressure-impregnated  
fire-retardant treated lumber  
(min. 2x4 studs @ 16 in. o.c.)  
(Tinted **RED** for quality control)

2 Layers of Firecode®  
Type C, or equivalent  
(2 hr. from interior face)

## 1 hr Exterior Bearing Wall

(Design No. FRCT/FRWT 60-03)

### Max. Tested Load:

100% of Design Load

### Fire Ratings:

- 1 hr from interior
- 1 hr from exterior



\* Refer to ESR 4056  
for all wall assemblies.

(Required only for  
rating from Exterior)  
Brick Veneer or  
3/4 inch Cement  
Plaster (stucco)  
(1 hr from exterior face)

**Flame Tech™**  
Pressure-impregnated fire-retardant  
treated plywood (min. 15/32 in. thick)  
(Tinted **RED** for quality control)

Fiberglass Batt  
(Insulation)

**Flame Tech™**  
Pressure-impregnated  
fire-retardant treated lumber  
(min. 2x4 studs @ 16 in. o.c.)  
(Tinted **RED** for quality control)

1 Layers of Type X  
or equivalent  
(1 hr. from interior face)





**PRESSURE-IMPREGNATED, FIRE-RETARDANT LUMBER AND PLYWOOD**

**Available with ProTech™/FPC**



Now the best fire retardant treated wood (FRTW) just got better! Introducing Flame Tech with Pro Tech/FPC, a specially formulated water repellent to compliment the superior performance of Flame Tech high performance FRTW.

ProTech/FPC has been added to help reduce the effects of exposure to rain and snow during the construction process\*.

ProTech/FPC helps to reduce fire retardant leaching and minimize the weathering deterioration, such as plywood warping and delamination.

Why settle for the ordinary when you can have the best? Demand Flame Tech with Pro Tech/FPC.

**Benefits of Using Flame Tech Products:**

- Code compliance: IBC 2303.2, E119, E84, E2768-11
- INTERTEK certified
- CCRR-1088 certified
- Cost-saving building solutions (Type 3 & 5 construction)
- 1- and 2-hour exterior bearing wall assemblies
- Superior strength values
- Shear wall ready
- Pressure impregnated; KDAT dried
- Certified for interior FRTW applications
- Best-in-class customer service and technical support
- Nationwide deliveries

\* Even though FlameTech with ProTech/FPC has unprecedented weathering performance, it is still an interior product and unsuitable for exterior applications. Use ordinary precautions for storage and handling for interior FRTW. For SYP only



# **FSC/LEED®**

## **Forest Stewardship Council**

### **Flameproof Companies Certified Distributor and Treater**

The "GREEN" movement is firmly establishing itself with owners who are demanding environmentally responsible design and construction. There are many standards to be met in earning FSC/LEED points. Flameproof Companies can assist you in maximizing your credits. We are uniquely qualified to fire retard or preservative treat FSC credited lumber and plywood.

As a Certified Chain of Custody Supplier, material purchased from Flameproof Companies (FSC Public Search: [info.fsc.org/](http://info.fsc.org/)) will qualify for the following LEED credits: EQ4.4 Urea Formaldehyde free and low emitting, formaldehyde products on sheathing grade plywood. See SDS for treated wood.

### **Chain of Custody #RA-COC-001997**

#### **CHICAGO FLAMEPROOF FSC®/LEEDS CONTRACTOR MATERIAL SUBMITTAL**

Certified Chain of Custody Supplier, material purchased from Chicago Flameproof (FSC Public Search: [info.fsc.org/](http://info.fsc.org/)) Will qualify for the following LEED credits: EQ4.4 Urea Formaldehyde free and low emitting formaldehyde products on sheathing grade plywood. See SDS for treated wood.

MR5.1 and MR5.2 Finished product manufactured within 500 miles of the project site qualifies.

MR7.0 FSC Certified Chain of Custody. Certificate # RA-COC-001997. See Chain of Custody Certificate.

Wood Products identified "FSC® Mix Credit" are valued at 100% of their cost.

Recycled Content: 0% Post-Consumer on lumber and plywood; 0% Pre-Consumer on lumber and plywood

Rapidly Renewable Content: 0% For lumber and plywood

VOC Content: Panels meeting the most stringent formaldehyde requirements are required, using testing method JIS A 1460, to have average emission levels below 0.30 mg/l.

100% of material is Harvested/Extracted outside the 500 mile radius. Our MCA treated and Fire retardant items are manufactured in Montgomery, IL 60538.

#### **Location of Harvest/Extraction:**

RoyO Martin, Chopin, LA RA-COC-000695 & RA-CW-000695

Roseburg Forest Products, Dillard OR SCS-COC-000300

Martco Limited Partnership, Chopin LA SW-COC-000696

Collins Softwoods, Portland, OR SCS-COC-000023

Biewer Lumber, St Clair, MI SCS-COC-002709

The cost of all wood products, both FSC® certified and not, must be tallied on the appropriate LEED document (e.g., MRc7 template). Wood products that are not FSC® certified and those that are identified on invoices as "FSC® Mix Credit" should be valued at 100% of the product cost.. Wood products identified as "FSC® Mix [NN]%" should be valued at the indicated percentage of their cost, e.g., a product identified as "FSC® Mix 75%," should be valued at 75% of the cost. (Wood products identified as "FSC® Recycled" or "FSC® Recycled Credit" do not count toward certified wood credits. They qualify instead as recycled content products).

# MCA

## Preservative Treated Wood

- Can be used in residential, commercial and industrial applications
- Offers a wider selection of timber species
- Easily painted or stained
- Superior preservative permanence
- Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state and local regulations
- Lower volatile organic compounds (VOCs)



### Building Code Compliance

Wolmanized Outdoor Preservative Treated Lumber & MicroPro/LifeWood products, as described in the ICC Evaluation Report ESR-1721, meets all building code requirements.

### End Use Classifications for MicroPro Pressure Treated Wood Products

**General Use - Above Ground** (such as decking and sills)

**Ground Contact and Fresh Water Contact**

(such as decks, fence posts, joists, beams, and docks)

**Ground Contact - Critical Structural Members**

(such as building poles, permanent wood foundations)

### MicroPro Treated Wood Advantages

- First Wood Treatment Process to Complete Life-Cycle Assessment Studies - The MCA wood treatment process systems were analyzed by Scientific Certification Systems under an exhaustive environmental review process called Life-Cycle Assessment (LCA), in accordance with rigorous international standards set by ISO, the leading international standards setting organization. The MCA LCA studies are in compliance with ISO standards 14044 and 14025.
- Home Innovation NGBS Green Certified - The MCA technology has been approved for points toward National Green Building Certification to the National Green Building Standard. Wood products treated with MCA technology are now eligible for more green building points than any other treated wood product in the market.
- UL GREENGUARD GOLD Certification - The MCA preservative has undergone rigorous testing and met stringent standards for low volatile organic compound (VOC) emissions. Products certified to this criteria are suitable for use in schools, offices, and other sensitive environments.
- Lighter, more natural wood appearance.
- Improved painting and staining qualities.
- Better corrosion resistance for code-approved fasteners and hardware.
- Carbon steel fasteners may be used for interior, above ground, weather protected applications such as sill plates, interior framing and interior trusses.
- Approved for aluminum contact.
- End uses include interior and exterior above ground, ground contact, and fresh water immersion.
- Treated wood warranty programs. (See warranty for details.)
- Building code compliant. ICC-ES reports, ESR-2240.
- Building code complaint ICC ES reports ESR-1721.

\* Please call your Flameproof Location for chemical supply being used.





# FX LUMBER GUARD XT

## Exterior Fire Retardant Penetrant

Flameproof Companies offers options for exterior applications that call for fire retardant wood products.

FX Lumber Guard XT can be used when higher than normal humidity or moisture conditions exist within a building and minimal leaching of the fire retardant chemical from the wood is desired. The resinous base of FX Lumber Guard XT provides such properties.

In conditions where wood will be exposed permanently outdoors, and fire resistance is desired, FX Lumber Guard XT applied over kiln dried preservative treated lumber is recommended to prevent rot from occurring.

These products are not intended for use in 1-2 hour code compliant roof, wall or floor assemblies.



### FX Lumber Guard XT, Technical Data Submittal Sheet

- Certified Listed to ASTM E84 & ASTM E2768
- Class A Rated
- SYP, SPF, Hem Fir & Doug Fir Lumber, SYP and Fir Plywood
- CSI Div. 06 05 73.13 Fire Retardant Wood Treatment & CSI Div. 09 96 43 Fire Retardant Coatings

*Intertek: Warnock Hersey Certification is equivalent to "UL Certification"*

#### Additional Testing and Standards:

- ASTM D2898
- CAN/ULC S102
- NFPA 255/703
- ANSI/UL 723
- UBC 42.1
- For Engineered Materials, Cedar, Redwood, Bamboo and reclaimed woods.
- ICC-ESR 3872

### Technical Data, Exterior or Interior Application

- FSI < 25
- SGI / SDI < 200
- Natural Mold and Insect Inhibitor
- 1-Coat Application
- Non Toxic
- Non Halogenated
- No PBDEs
- No Carcinogens
- Storage Temp > 45°F
- Environment Safe
- Shelf Life: 3yrs
- Stainable/Paintable
- Application Temp 45-95°F



W/N 21094



# TIMBERS

## MCA Preservative Treated Cedar, Doug Fir, Creosote

We offer the largest inventory of hard-to-get sizes and lengths in pressure-treated, Douglas Fir and Cedar timbers in the area.

Available sizes:

3 x 6  
3 x 8  
3 x 10  
3 x 12  
4 x 4  
4 x 6  
4 x 8  
4 x 10  
4 x 12  
6 x 6  
6 x 8  
6 x 12  
8 x 8  
10 x 10  
12 x 12





# ENGINEERED LUMBER

## I-Joist, LVL, Glulam

### LVL - Laminated Veneer Lumber

LVL offers a stronger, stiffer and more consistent alternative to traditional solid-sawn lumber. Flameproof Companies stocks a full line of LVL with depths ranging from 5-1/2" to 24", widths from 1-3/4" to 5-1/2". LVL are available in even length increments.

### I-Joist

Flameproof stocks a full line of LVL flange and solid sawn I-joist to fit any need. Our I-joist series are versatile, consistent and cost effective.

### Glulam

We supply a full line of untreated, preservative treated and fire retardant treated Doug Fir and Southern Yellow Pine Glulam beams to fit your every long-span need.

*Contact Flameproof Companies regarding fire retardant treatment on engineered lumber products.*



# MAG TECH™

## Fire Retardant OSB Sheathing

### Product Information

Mag Tech™ OSB Structural Fire-Rated Sheathing is a patent-pending, code compliant, Class A Flame Spread Rated, fire retardant wood panel system that is both durable and easy to handle on the job site. Mag Tech™ structural sheathing must be used in fire-rated wall applications, as well as for fire retardant structural sheathing on exterior and interior walls. Mag Tech™ offers superior performance, helping to increase fire resistance in a single panel.

Mag Tech™ consists of a 3 mil thick, non-combustible, fiber-reinforced magnesium oxide (MgO) board laminated to untreated oriented strand board (OSB) on one or two faces, as required the listed wall assemblies. The non-combustible MgO board lamination process assures a composite uniform section to reinforce the OSB while also providing both flame and thermal resistance.

In contrast to other fire retardant sheathing products that are chemically-impregnated or coated, Mag Tech™ is created using a proprietary lamination process that bonds reinforced MgO board to the face of OSB structural sheathing. The noncombustible MgO laminate prevents both flame and smoke penetration through the sheathing, as well as enables the OSB to remain free of fire retardant chemicals for greater strength of the overall composite sheathing system.

Mag Tech™ is free of hazardous chemicals, with no VOC (off-gas) present during fabrication. The MgO panel face provides an attractive tile-like surface that mitigates the spread of flame and heat with a burn-through resistance that is greater than that of standard wood structural panels that are treated with fire retardant chemicals.

Refer to the Mag Tech™ Fire Retardant OSB Sheathing Products Specifications and Technical Information Brochure for further information.

### Product Specifications

- Size/Length: Mag Tech™ is available in a variety of sizes, thicknesses, and grades and can be fabricated as needed per specific project specifications.
- All materials are rated as non-hazardous materials.
- Code Compliance and Fire Performance:
  - Class A Flame Spread Rating (ASTM E-84 / ASTM E2768 / UL 273 / UBC 8-1) per QAI Laboratories, Inc. Test Report TJ2773
    - Flame Spread Index: 0
    - Smoke Index: 0 - 5
  - Load Bearing 1-Hour and 2-Hour Fire-Rated Exterior Bearing Walls for Type III & Type V Construction when installed per the listed assemblies, (ASTM E119 / UL263) per Intertek Design No. CF/WPPS 120-01 / 120-02 / 120-03 / 60-01 / 60-02
  - IBC 706 –Fire Walls, Vertical Continuity and general materials used for makeup of fire walls are in compliance with IBC.
  - Load Tested and analyzed through engineering by Structural Engineuity, Inc. using load test in compliance with ASTM E72-80 "Standard Methods of Conducting Strength Tests of Panels for Building Construction."





# MAG TECH™

## Certified Wall Assemblies

### Exterior Bearing Wall System

(Design No. CF/WPPS 60-01)  
(Design No. CF/WPPS 120-01)  
(Design No. CF/WPPS 120-02)  
(Design No. CF/WPPS 120-03)

#### Max. Tested Load:

100% of Design Load  
Mag Tech™ Configurations  
1 MgO surface (facing in our out)  
• 1 hr. from interior only  
  
2 MgO surfaces  
• 1-2 hr from exterior  
• 1-2 hr from interior

#### No Mineral Wool



#### UPGRADABLE

(design flexibility)  
• 1-2 hr from exterior  
• 1-2 hr from interior  
• No Mineral Wool

### 1 hr Exterior Bearing Wall

(Design No. CF/WPPS 60-01)

#### Max. Tested Load:

100% of Design Load

#### Fire Ratings:

Mag Tech™ (1-sided)-MgO facing IN or OUT  
• 1 hr. from interior only  
  
Mag Tech™ (2-sided)  
Mag Tech™ (2-sided)  
• 1 hr from interior

#### No Mineral Wool



#### CF/WPPS 60-01

• 1 hr from exterior  
• 1 hr from interior  
• MagTech (2-sided)

#### (Optional)

• 1 hr from interior ONLY  
• Mag Tech™ (1-sided)  
(MgO surface facing IN or OUT)

# METAL, GYPSUM AND INSULATION PRODUCTS

(not available at all locations)

Certain Flameproof Company locations stock, supply and load a wide variety of light gauge metal framing products, gypsum board and insulations of various types and brands.

Flameproof Companies supplies these products locally in the Chicagoland market, but also to projects in different and more remote locations across the US. While not a traditional drywall distributor, Flameproof Companies have extensive experience in these product categories and we welcome the opportunity to be of service to your company with these products.





# BOOM AND CRANE SERVICE

(not available at all locations)

For decades you've relied on our crane, boom and mobile forklift services. Now you can call on us to stock materials on your jobs as well.

Count on us for superior service, at very competitive prices, as always.

Arrange your stocking needs with your salesperson, by calling the office or contact us via email.

- Boom Reach - 58'
- Crane Reach - 48'





# Fire Retardant **IN-WALL BLOCKING**

## **Insta-Ply™ and Insta-Block™** **Flame Tech™ Class-A Rated, In-Wall Blocking**

Insta-Ply™ and Insta-Block™ FRT is pressure-treated wood which provides enhanced reduction of smoke and flamespread. All blocks have been treated with FlameTech™ Class-A rated fire retardant.

Insta-Ply™ and Insta-Block™ are available with FSC-certified lumber and may contribute LEED® points to your project.

**INSTA-PLY™ FR, 16" O.C.**  
3/4" x 5-1/2" x 15-3/4" notched FRT  
plywood

**INSTA-BLOCK™ FR, 16" & 24" O.C.**  
2" x 6" x 15-3/4" or 23-3/4" notched  
Also:  
2 x 4, 2 x 8, 2 x 10, 2 x 12 by special request

## **CUTTING AND FABRICATION SERVICES**



Let us custom cut to your specifications. We are equipped to perform a wide range of milling services, from customized trim, to ripping plywood and furring.

- Ripping
- Cross Cut
- Precision End Trim (PET)
- Wood Cants
- Tounge & Groove Patterns
- All types of Moulding and Custom Patterns
- Plywood/OSB cut to size



# ADDITIONAL MATERIALS

## we supply to meet all your building needs

### PLYWOOD

Untreated, FlameTech,  
MCA Preservative 4x8x1/4" UL  
4x8x1/4" UL  
4x8x3/8" CDX  
4x8x1/2" CDX, UL/BC, FSC  
4x8x5/8" CDX, UL/BC, FSC  
4x8x3/4" CDX, UL/BC, T&G, FSC  
4x8x1" CDX  
4x10x3/4" CDX

### STANDARD LUMBER #2 SPF, #2 SYP, FSC

Untreated, FlameTech,  
MCA Preservative  
2X3 8'-10'  
2x4 8'-16'  
2x6 8'-16'  
2x8 8'-16'  
2x10 8'-16'  
2x12 8'-16'  
2x14 16' (16' Only)

### PRE-CUTS

Untreated, FlameTech,  
MCA Preservative  
2X4 92-5/8"  
2X4 104-5/8"  
2X4 116-5/8"  
2X6 92-5/8"  
2X6 104-5/8"  
2X6 116-5/8"  
Custom Sizes Can Be Cut

### TIMBERS - SYP

MCA Preservative  
4X4 8'-20'  
4X6 8'-24'  
6X6 8'-24'  
8X8 8'-24'  
10X10 16' & 20'  
12X12 16' & 20'  
3X6 16' & 20'  
3X8 16' & 20'  
3X10 16' & 20'  
3X12 16' & 20'  
4X8 16' & 20'  
4X10 16' & 20'  
4X12 16' & 20'  
6X8 16' & 20'  
6X12 16' & 20'

### BOARDS - PINE

Untreated, FlameTech,  
MCA Preservative  
1X2 8'-10'  
1X3 8'-10'  
1x4 8'-16'  
1x6 8'-16'  
1x8 8'-16'  
1x10 8'-16'  
1x12 8'-16'

### INSULATION

Fiberglass  
Mineral Wool  
Rigid Polysyrenes

### LONG LENGTHS

Untreated, SPF, DOUG FIR  
2x4 18'-20'  
2x6 18'-24'  
2x8 18'-24'  
2x10 18'-24'  
2x12 18'-24'

### LONG LENGTHS

Untreated, Flame Tech,  
MCA Preservative  
2x4 18'-20'  
2x6 18'-28'  
2x8 18'-32'  
2x10 18'-32'  
2x12 18'-32'

### GYPSUM

Drywall & Related Products  
4x8 Type X  
4x10 Type X  
4x12 Type X  
4x8 M2 Tech/Green Board  
4x10 M2 Tech/Green Board  
4x12 M2 Tech/Green Board  
4x8 5/8" Densglass  
4x8 1/2" Densglass  
DuRock  
Hardie Backer  
Drywall Compounds  
Corner Bead  
Perf-Tape  
Mesh-Tape

### FORMING PLYWOOD

BB-OES  
MDO  
HDO  
MDF

### BARRIERS

House Wrap  
Visqueen 6 mill  
Visqueen Reinforced  
Visqueen Fire Retardant  
Tyvek  
Barricade

### PREMIUM DECKING

MCA Preservative  
5/4x6 8'-16'  
5/4x6 18'-20'  
42" Balusters Bev1S

### PREMIUM DECKING

IPE

### METAL STUD/TRACK

25 Gauge - 20 Gauge Stocked  
18 Gauge - 12 Gauge 3 day Lead  
1-5/8" 6"  
2-1/2" 8"  
3-5/8" 10"  
4" 12"

### SPECIALTY SIDING

Nichihi Hardie  
Cedar T-111

# FLAMEPROOF

## C O M P A N I E S

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### LOCATIONS WE'VE GOT YOU COVERED COAST TO COAST

#### CHICAGO FLAMEPROOF

1200 South Lake St., Montgomery, IL  
P: 866.884.7591 | F: 630.896.4773

#### WISCONSIN FLAMEPROOF

8530 West Calumet Rd, Milwaukee, WI  
P: 414.365.3674 | F: 866.884.7593

#### NORTH TEXAS FLAMEPROOF

4215 Chickasaw St. Fort Worth, TX  
P: 817.534.9800 | F: 817.534.9807

Coming in 2021

#### EAST COAST FLAMEPROOF

#### MANUFACTURING LOCATIONS

Chicago Flameproof, Montgomery, IL | North Texas Flameproof, Ft. Worth, TX  
East Coast Flameproof - Coming in 2021

### CONTACT US TODAY!

FLAMEPROOF FRTW SALES & TECHNICAL SUPPORT: [sales@flameproof.com](mailto:sales@flameproof.com)

FLAMEPROOF HQ: 1200 South Lake Street, Montgomery, IL

FLAMEPROOF WEBSITE: [flameproof.com](http://flameproof.com)

OFFICE PHONE: 866.884.7594

[www.flameproof.com](http://www.flameproof.com)