



Composite Panel

APEX FR

Apex FR is a Class 1 (A) FR panel with outstanding physical properties and machinability. There is no other fire rated panel on the market today that compares to Apex FR. These panels have been engineered for superior strength and machinability. If you are looking for a composite panel that reaches the peak and summits above its competition, Apex FR is the panel for you.



Technical Data

Density	51 lb/ft ³
Internal Bond	180 lb/in ²
Modulus of Rupture	2,900 lb/in ²
Modulus of Elasticity	700,000 lb/in ²
Hardness	1,250 lbs Janka
Screw Holding, Face	450 lbs
Screw Holding, Edge	325 lbs
Thickness Tolerance	± 0.005"
Length/Width Tolerance	± 1/16"
Squareness Tolerance	± 1/8"
Flame Spread Rating	Class 1 (A)

Average physical properties for 3/4" panel, based on a 5 panel average, when tested in accordance with ASTM D1037. Specific design applications and technical data are available upon request.

ampine[®]

Division of
Timber Products Company 
THE TREMENDOUS RESOURCE

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APEX FR



SCS Certified
SCS-MC-02470
Pre-Consumer Recycled
Wood Content
MINIMUM 82% RECYCLED CONTENT
PRE-CONSUMER



ECC Certified
Specification CPA ECC 4-11
CARB Third Party Certifier TPC-1



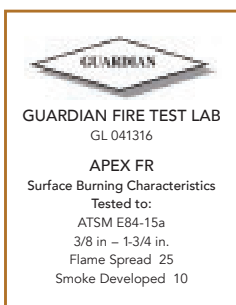
FSC C021324
The mark of responsible forestry
(Available upon request)



SCS Validation
SCS-NAF-01510
No-Added Formaldehyde

LEED® 2009 Credits Supported
Materials & Resources: 4, 5, 7
Indoor Environmental Quality: 4.4

CHPS Compliant
Meets Materials Specifications for
VOC emissions section 01350



DISCLAIMER AND TECHNICAL NOTE

Ampine FR, Encore FR, and Apex FR HD are Class (1) A fire retardant particleboard products. Timber Products has exercised good faith, diligence, reasonableness, and care by having these products tested in accordance with ASTM E-84-15 and through providing this additional information.

Many customers further Process Timber Products Fire Retardant particleboard with a plethora of finishes, catalyst, paints, adhesives, environmental conditions, press cycles, pressures and temperatures, overlays etc. that may react differently than standard non fire retardant particleboard. Furthermore, any one or all of these customer processes can change the fire retardant characteristics of our fire retardant products.

Timber Products cannot anticipate or provide guidance concerning every variation or combination of these factors. Timber Products recommends that the compatibility of these surface treatments or adhesive systems be tested and evaluated prior to full-scale production.

DISCLAIMER: Except as expressly stated elsewhere, with this Disclaimer and Technical Note, Timber Products makes no express warranties. Additionally, with respect to these products once they have been processed, or otherwise modified, by our customers, Timber Products expressly disclaims any other warranty, express or implied, including merchantability and fitness for a particular purpose.

Features & Benefits

- CARB Exempt
- Formaldehyde-free (NAF) resin system
- Class 1 (A) certified flame retardant panels
- Remarkable strength and machinability
- Formulated specifically for your most demanding applications
- Smooth uniform faces and core
- FSC Mix Credit certified panels available upon request

Mill Capabilities

- 4' and 5' widths
- Lengths up to 24'
- Custom sizes available upon request
- Cut-to-size and special packaging available
- Minimums may apply

Handling and Storage

- Store indoors on a flat, level surface with adequate support to prevent sagging
- Refer to Architectural Woodworking Standards (AWS) for fabricating and installation processes
- For best results, panels should be conditioned to the environment for 48-72 hours prior to fabricating

Ideal Applications

- LEED projects
- Schools
- Hospitals
- Hospitality
- Airports
- Cabinetry
- Laminating substrate
- Furniture
- Casework
- Fixtures

Timber Products Company is one of the nation's largest and most respected manufacturers of a comprehensive range of wood products.

As an independently owned, fully integrated company with dedicated manufacturing facilities in both the western and eastern United States, we provide immediate access to a tremendous

selection of products and services. We've implemented new technologies to make our operations more efficient and our products more cost-effective. We can respond to your needs faster, with greater flexibility and with an absolute assurance of quality.

That's a tremendous resource for any business.

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