



U.L. 1-1/2, 2 AND 3 HOUR CLASS A,B,C RATING

Conventional Release System

FIRE-SHUT LABELING

Alpines Counter Fire Door products have been UL classified and listed under the UL Product Category: Fire Shut Integral Frame Counter-Shutter Fire Door - GSNV.

Ratings : 1-1/2 HR, 3/4 HR.

Sizes : Face Mounted - 5' Wide x 5' High, Up to 51 sq ft.

Between Jambes - 10' 10" Wide x 6' 4" High, Up to 86 sq ft.

Alpines Fire-Shut door products also carry a 3 HR, 1-1/2 HR or 3/4 HR fire rating under UL File GSNV.

Sizes : Classified for openings up to 13'6" wide x 12' high.

INSTALLATION

*The opening preparation and the installation of the fire door shall be performed in strict compliance with NFPA-80.

*Opening preparation, miscellaneous or structural metal work, access doors, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.



Front of Roll Side

1 1/4" BABY FLAT SLAT

Back of Roll Side



We also have the ability to accurately match the customer's color requirements when provided with the appropriate material samples.

Slide Locks Optional



APPLICATION AND USE

ISO 9001 Registered Company

Fire-Shut Doors as manufactured by Alpine are ideal for use in School Cafeteria's, Office Windows, Healthcare Facilities, Hospitals and Airport Concession Displays where Fire protection is needed.

THE ALPINE ADVANTAGE AND BENEFIT

- Alpine's Fire-Shutters ensure security and fire protection and are listed and/or classified by:

- Underwriter's Laboratories, Inc., (U.L.),
- Underwriter's Laboratories of Canada, Inc. (U.L.C.),
- Factory Mutual (F.M.) *Flame Drop Baffle Required*

-Made-To-Order manufacturing process. Alpine builds your product to the exact size specified by you.

- All of our products are constructed to have a rigid and compact design which provides for a more structural grade product while reducing overhead space and obstruction.

- Alpine builds trust by providing our products with a warranty on material and workmanship. As we also offer an optional five-year pro-rated warranty. Please call factory for more information on our pro-rated warranties.

- We are an ISO 9001 registered firm which ensures you that our products are built with true quality you can count on.

FUNCTIONAL BENEFITS

- These doors provide access control and security protection under normal use and will close automatically in the event of a fire, serving as a fire wall to contain the spread of a fire and contain the smoke.

- Conventional design offers a push-up operation product, where Auto Fire-Shut products do not.

- The lowest upfront cost available.

OTHER RELATED PRODUCTS





DOOR CONSTRUCTION

CURTAIN

The curtain consists of interlocked, flat faced, 1 1/4" galvanized slats, 22 gauge, G90 coating exterior, G60 coating interior, Structural Quality Grade C, as per ASTM-A653/A653-M. Optional slat material in stainless steel. Finish Option: baked enamel or powder coated. Curtain equipped with a bottom bar made of two roll-formed galvanized steel angles measuring 1"x3/4"x1/8" which is designed to reinforce the bottom of the curtain. Optional, Neoprene weather-stripping bolted between the bottom bar angles.

GUIDES

Steel guides are made from a 12 gauge steel, frame encased and fitted with removable bellmount curtain stops to allow for curtain maintenance without removal of the guides. Bellmount stops shall be flush with the guide groove.

COUNTERBALANCE ASSEMBLY

The steel pipe barrel is a size capable of carrying a curtain load with a max. deflection of 0.03" per foot opening width. The helical torsion spring is encased in a barrel designed to require minimum effort to operate the rolling curtain and bottom bar. A Torsion Spring charge wheel is used for applying spring torque and for future adjustments. Option: Stainless steel or hot-dipped galvanized.

OPERATION

Choice of push-up, hand chain, hand-crank, or motor operation. The door can be activated by a fusible link, a thermal sensor, a fire alarm system or a smoke detector without the need for a mechanical release device system. *Please See Alpine's Motor Operator Page (www.alpinedoors.com/motoroperators.htm)*

ACCESS CONTROLS: Optional control stations are available as Push Button Control Station or Key Control Stations. Special Control Stations are also available, please consult factory. *Please See Alpine's Access Controls Page (www.alpinedoors.com/accesscontrols.htm)*

LOCKING

Optional padlockable slide locks available for latching and locking the door on the coil side of the bottom bar. Electric Interlocks required with motorized doors.

BOTTOM BAR

Constructed from two roll-formed galvanized steel angles measuring 2"x2"x1/8" and is designed to reinforce the bottom of the curtain. Finish available in baked enamel or powder coated. Bottom bar equipped with a vinyl smoke sealing astragal.

FINISHES (OPTIONAL)

Phosphate treated and finished with a baked enamel paint. Alpine Doors offer's 186 durable powder coating colors. Stainless steel, #4 finish. All other exposed ferrous surfaces are prime painted.

Exo-Shield™: The Powder Coat Finish is available for all of Alpine's Products and are available in over 188 standard colors with the option for custom colors and environmental requirements. *Please See Alpine's Color Selection Page (www.alpinedoors.com/colors_standard.htm)*

Hot-Dip Galvanizing: Galvanizing is available for steel components.

Stainless Steel: Available in 300 series with options of mill finish, #2B, or #4 satin finish.

ADDITIONAL FEATURES

COVERS

Gear covers and operator covers are required for exterior mounted fire doors or when gears or operators are set below 8' ft in height from floor.

RELEASE DEVICES

The Fire-Tite doors are mechanically closed and are activated by a fusible link system. Release devices, thermal sensors, sounder/strobe devices and smoke detectors are available for tying fire door into the fire alarm system. *Please See Alpine's Release Device Page (www.alpinedoors.com/release.htm)* with low traffic and infrequent operational demands and requirements compared to other fire door products.

- Initial product cost is price *effective / affordable* for areas that only require the annual testing and resetting process

LEAKAGE RATED FIRE DOOR FEATURES

The Alpine Smoke-Fire-Shut Door products have been UL Classified and are listed under the UL Product Category : **Leakage-Rated Door Assemblies - OPBW.**

Alpines leakage rated door assemblies can be fabricated for a maximum opening size of 10'10" wide X 6'4" high.

Alpines Fire-Shut door products also carry a 3 HR, 1-1/2 HR or 3/4 HR fire rating under UL File **GSVV.**

Sizes : Classified for openings up to 13'6" wide x 12' high.

For more detailed UL information, visit the Underwriter's Laboratory website at www.ul.com.