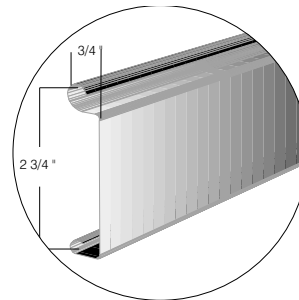


WIND-TITE™

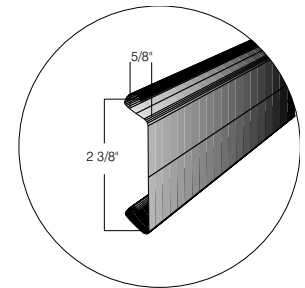
FULL WEATHER SEALED DOOR

STANDARD FLAT SLAT IS UPGRADEABLE
TO INSUL-SOUND OR INSUL-VAPOR

STANDARD FLAT SLAT



OPTION 1



WINDLOAD AND STRESS ANALYSIS CALCULATIONS
WILL BE SUPPLIED TO ARCHITECTS
AND ENGINEERS UPON WRITTEN REQUEST

PIPE SHAFT

A solid shaft with a minimum thickness 1 1/4" for 4" pipe, 1 1/2" for 6" pipe, 1 3/4" for 8" pipe. - (1018 cold rolled round.)

BRACKETS

Steel plate not less than 3/16" thick. With ball bearings at rotating support points. When bolted to the wall the mounting angle supports the counterbalance assembly and forms an end enclosure. (Option: Stop Lock Bearing which prevents the door from free falling in the event of a drive operation failure.)

HOOD Hexagon (Option: Square or Round)

#24 ga. galvanized steel (Equip with neoprene air baffle). Formed to fit the contour of the brackets. 3/8" thick intermediate supports as required to prevent excessive sag. Finish Options: phosphate, baked enamel or powder coated.

FASCIA GALVANIZED (OPTIONAL)

Useful where the area behind the hood is open. (especially applicable to pre-engineered buildings).

OPERATION

Available in push-up, hand chain, hand-crank, or motor operation. (for other optional features see the motor operators section in this catalog)

LOCKING

Doors equipped for locking by padlock from the coil side. (Padlocks by others) (Option: Slidelocks, Pinlocks or Cylinder Locks)

FINISH

Slats are prepared with a minimum galvanizing of G-60 (interior) and G-90 (exterior). The hoods are galvanized and other exposed ferrous surfaces are either prime painted or powder coated.

GALVANIZING (OPTION)

Applied to the guides, brackets, pipe shafts and gears in addition to Standard Specifications. Applied where conditions of extreme or unusual atmospheric contamination is present. (in accordance with ASTM: A525)

SPECIFICATIONS

GENERAL

Rolling service doors as manufactured by Alpine Overhead Doors, Inc. (ISO 9001:2000 Registered Company)

CURTAIN

Flat Slats: Roll-formed galvanized steel, flat slats. Option: stainless steel or aluminum. Gauges in 22, 20, 18. (Finish Options: phosphate, baked enamel or powder coated.)

GALVANIZED ENDLOCKS

Cast endlocks/windlocks are riveted to the ends of the slats with 1/4" rivets. (Furnish windlocks as required by design windload.) Endlock/Windlocks are available in brass material which prevents sparking.

BOTTOM BAR

Two galvanized steel angles equipped with vinyl weatherstrip which extends into the guides. Standard: galvanized ASTM {A525}.

GUIDES

Guides are designed using a minimum of 3/16" steel angles and satisfy windload specifications. (They are equipped with vinyl weather seals.)

COUNTERBALANCE ASSEMBLY

Steel pipe barrel of a size capable of carrying a curtain load with a maximum deflection of 0.03" per ft. of door width. The heat treated helical torsion springs are encased in a steel pipe and designed to include an overload factor of 25% to ensure minimum effort to operate. A sealed and prelubricated ball bearing is present at the rotating support point. A charge wheel is used for applying spring torque and for future adjustments. Stainless steel or hot dipped galvanized pipe assemblies are available. (Option:) High Cycle Springs can be designed to satisfy up to 100,000 cycles.