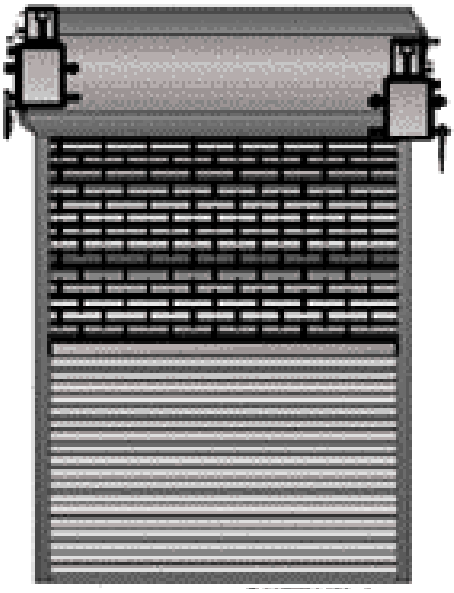
Alpine®

Double Door Options



Alpine® Super Imposed™

Exo-Shield

ISO 9001 : 2000

U.S. GREEN BUILDING COUNCIL MEMBER

SUPER IMPOSED CONSISTS OF 2 DOORS: 1 SOLID SLAT CURTAIN & 1 GRILLE OR VISION CURTAIN

SOLID CURTAIN OPTIONS:

REDI-STORM® HURRICANE PROTECTION DEVICE APPROVED MEANS OF EGRESS

REDI-STORM® IMB HURRICANE PROTECTION DEVICE APPROVED MEANS OF EGRESS

WIND-TITE® FULL WEATHER SEALED DOOR

insul-vapor®

HIGH PERFORMANCE Insul-Sound® SOUND RETARDANT DOOR

Insul-Sound® SOUND RETARDANT DOOR

SERV-DAWN® INDUSTRIAL SERVICE DOOR

ECONOMY SERV-DAWN™ ECONOMY TORSION SPRING DOOR

GRILLE OR VISION CURTAIN OPTIONS:

MALL DAWN® ROLLING GRILLE DOOR

steelvision®

Alpine Econo Grille™ COMMERCIAL TORSION SPRING GRILLE DOORS

Alumavision®

STORM GRILLE™

FIRE STORM®

APPLICATION AND USE

ISO 9001 Registered Company

Alpine Super-Imposed, Double Doors are used for Loading Dock's, Warehouse Storage Facilities and Military Installations.

THE ALPINE ADVANTAGE AND BENEFIT

Alpine Superimposed Doors provide a unique way to have the best of both worlds with only one installation.

This is a double door which consists of a rolling steel door and a rolling grille door (or SteelVision Door) made-up of dual guides and dual coils, one door superimposed over the other door, mounted and fixed to a common bracket. This is especially desirable for dual closures in driveway openings of industrial plants, warehouses and factories. During the working day, when protection from vandalism is required but light, vision and ventilation is essential, the grille is rolled down while the door remains in its upward position. When the plant is closed the grille door and and the steel door are both rolled down for complete security and protection.

Hood head clearances for Superimposed Door units are generally larger but not more than twice the clearances required on individual doors and grilles. It is therefore essential that the Architect or Engineer consult the Alpine Engineering Department to obtain proper clearance requirements for their particular door opening.

FUNCTIONAL BENEFITS

The Superimposed closure provides double day and night protection and security. Operation may be motor or chain operated at the option of the Architect or Engineer.

INSTALLATION

Rolling service doors as manufactured by Alpine Overhead Doors, Inc. 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 divisons or trades.

designed using structural steel angles with a minimum thickness off 3/16", minimum 1/14" slotted connections and removable bellmouth curtain stops which allow for curtain maintenance without removal of the guides. They are equipped with vinyl weather seals.

Industrial Grille™ COMMERCIAL GRILLE DOORS

Alpine® Super Imposed™

DOOR CONSTRUCTION

CURTAIN
Constructed of Interlocking, roll-formed 2 3/4" galvanized flat slats, G90 coating exterior, G60 coating interior, Structrual Quality Grade C, as per ASTM-A653/A653-M. Slat Options: stainless steel or aluminum. Finish options: phoshate, baked enamel or powder coated.

GALVANIZED ENDLOCKS/WINDLOCKS
Ductile Cast iron, hot-dipped galvanized endlocks/windlocks are riveted to the ends of the slats with 1/4" rivets. Option in brass material which prevents sparking. Furnish windlocks based on windload specifications.

BOTTOM BAR
Two roll-formed galvanized steel angles which are designed to reinforce the bottom of the curtain. Equiped with vinyl weatherstripping which extends into the guides. Galvanized steel as per ASTM-A653/A653-M.

GUIDES
Guides are

SPRING COUNTERBALANCE
To be housed in a steel pipe with a diameter and wall thickness to restrict maximum deflection to 0.03" per foot of door width. Springs are of the helical torsion type which are designed to include an overload factor of 25% for optimum ease of operation. The springs are grease packed and mounted on a cold rolled steel inner shaft. Spring tension is adjustable from the outside of the end bracket plate. Sealed ball bearings prevent wear on the pipe shaft.

BRACKETS
Steel plate not less than 1/4" thick with ball bearings at rotating support points. When bolted to the wall the mounting angle it 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)
Made from 22 gauge galvanized steel and formed to fit the contour of the end brackets. Optional material in stainless steel or aluminum. Equiped with a neo-prene air baffle. Finish Options: phosphate, baked enamel or powder coated.

FASCIA GALVANIZED (OPTIONAL)
Useful where the area behind the hood is open. Especially applicable with 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. *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 Contols Page (www.alpinedoors.com/accesscontrols.htm)*

LOCKING
Option: 1. Can be equiped with slide locks for latching and locking the door on the coil side of the bottom bar. Option: 2. Cylinder Locks. Option: 3. Electric Interlocks are recommended for motorized doors.

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.
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*

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. As per ASTM-A123

GUIDE CONFIGURATIONS