
ALUMINUM SECTIONAL DOOR

Specifications:

Model AL510 Aluminum door manufactured by Metropolitan Garage Doors

Design:

The door section shall be designed from tubular heat-treated aluminum extrusions 6063-T6.

All extrusions shall be assembled by fine threaded machine bolts.

Sections:

Door thickness shall be 1 3/4"

Horizontal rails shall be equipped with a vinyl tubular seal for minimum air penetration and maximum energy saver.

The door shall be equipped with 5" bottom, 5" top and 5" end stiles.

Panels:

The panels shall be glass or aluminum held in place by a double glazing tape. The glass shall be secured with a rigid vinyl snap-on moulding.

Bottom section to be kick-proof.

Glass and Glazing:

All doors shall be equipped with thermal glass or single 3 mm. tempered glass.

End Stiles:

Bottom rail and top rails shall be 5" aluminum with reinforced fin centers for extra strength.

Finish:

Finish is anodized in clear.

Reinforcement:

Reinforcement may be required on doors over 14 feet wide. When needed horizontal rails have a built-in aluminum strut.

Weathersripping

Bottom weatherstripping strip shall consist of a double contact 'U' type rubber and shall be fastened to the bottom section of each door.

Hardware Specification:

Torsion Springs:

Torsion springs are oil tempered with cast aluminum cones balanced to 100,000 cycles.

Drums:

Drums shall be made of die cast aluminum alloy. Each drum shall have a guarded cable entry.

Cable adjustment shall be controlled with set screws.

Cable:

Cable shall be galvanized aircraft type with construction of 7 X 19 X 5/3

Rollers:

Rollers shall be 3" in diameter and equipped with 1/4" diameter ball bearings. Long stem rollers shall be supplied with double-end hinges.

Hinges

Hinges shall be 14 gauge galvanized steel.

Shaft:

Shaft shall be cold rolled solid cross-header shaft, keyed to receive drums, coupling and drive sprockets as required.

Bottom Corner Brackets:

Bottom corner brackets shall be 13 gauge galvanized steel securely fastened to the bottom of the door.

Warranty:

Metroplitan Garage Doors products are warranted for quality, workmanship and materials for a period of one year from the date of delivery. The doors will have a five year conditional warranty against delamination.