

511/521/522

ALUMINUM Door Systems



ALUMINUM SECTIONAL DOORS



**VISUAL ACCESS.
LIGHT INFILTRATION.
CONTEMPORARY LOOK.**



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS



Model 521, Brown powder coat finish, Clear glass

General features and benefits – Models 511/521

- 1 3/4" (45 mm) thick, corrosion-resistant 6063-T6 aluminum sections with galvanized fixtures and hinges promotes durability and trouble-free operation
- 1/4" (6 mm) diameter through-rods on all stiles and rails enhances strength and sturdiness
- Top-quality materials, excellent field service and optional maintenance program contribute to extended door life, low maintenance costs and maximum productivity
- Glazing choices include DSB glass, acrylic, tempered glass, clear polycarbonate, multi-wall polycarbonate, wire glass, Low E, Lexan and laminate
- Standard clear anodized finish for low-maintenance and corrosion-resistance
- Optional finishes include a wide range of powder coat colors offering an attractive and durable finish
- Manual pull rope operation with optional chain hoist or electric motor operator
- Available in approximately 200 RAL powder coat colors to match the aesthetic and design of your project. This color optional upgrade includes a hardening additive that provides an attractive and durable finish and easy-to-clean surface.

Cover image: Model 521, Clear anodized finish with Clear glass.



Model 511, Bronze finish with Clear glass


ALUMINUM DOOR SYSTEMS MODEL 511

doors are designed in sizes up to 16'2" wide and 16'1" high (4928 mm and 4902 mm). Featuring a narrow center stile width of 21/32" (17 mm), these doors are sleek, attractive and permit maximum visibility. An array of glazing choices, top-and bottom-rail widths, finishes and special options customizes the 511 Model to satisfy nearly any project requirement.

Model 511, Black powder coat finish, Clear glass.



Standard features at a glance

| | |
|--------------------------------|--|
| Panel thickness | 1 3/4" (45 mm) |
| Maximum standard width | 16'2" (6147 mm) |
| Maximum standard height | 16'1" (4902 mm) |
| Material | 6063-T6 aluminum |
| Standard finish | 204R-1 clear anodized |
| Center stile width | 2 1/32" (17 mm) |
| End stile width | 2 3/4" (70 mm) |
| Top rail width | 2 3/8" (60 mm) or 3 3/4" (95 mm) |
| Top intermediate rail width | 3/4" (19 mm) |
| Bottom intermediate rail width | 5/8" (16 mm) |
| Bottom rail width | 2 3/8" (60 mm) or 3 3/4" (95 mm) or 4 1/2" (114 mm) |
| Weatherseals | Bottom, flexible PVC |
| Standard springs | 10,000 cycle |
| Track | 2" (51 mm) |
| Mounting | Angle |
| Operation | Manual pull rope |
| Hinges and fixtures | Galvanized steel |
| Lock | Galvanized, interior-mounted single unit |
| Color palette | Approximately 200 RAL powder coat finishes are available  |
| Warranty | 12-month limited; 3-year powder coat finish |

Options

Glazing options*: 1/8" (3 mm) DSB; 1/8" (3 mm) or 1/4" (6 mm) acrylic; 1/8" (3 mm) or 1/4" (6 mm) tempered; 1/8" (3 mm) or 1/4" (6 mm) clear polycarbonate; 1/4" (6mm) and 3/8" twin-wall polycarbonate, 5/8" triple-wall polycarbonate; 1/4" (6 mm) 3/8" (10 mm) and 5/8" (16 mm) twin-wall polycarbonate, triple-wall polycarbonate 1/4" (6 mm) wire glass; 1/2" (12 mm) insulated glass

Electric operator or chain hoist

Bottom sensing edge

3" track

Bracket mounting (not available on full vertical door tracks)

Higher-cycle springs in 25k, 50k, 75k, 100k cycles

Chain hoist

Posi-tension drums

Panel schedule

| Door width | Number of panels |
|--------------------------------------|------------------|
| to 11'11" (3632 mm) | 3 |
| 12'0" to 14'11" (3658 mm to 4547 mm) | 4 |
| 15'0" to 16'2" (4572 mm to 4928 mm) | 5 |

Section schedule

| Door height | Number of sections |
|-------------------------------------|--------------------|
| to 8'6" (2591 mm) | 4 |
| 8'7" to 10'1" (2616 mm to 3073 mm) | 5 |
| 10'2" to 12'1" (3099 mm to 3683 mm) | 6 |
| 12'2" to 14'1" (3708 mm to 4293 mm) | 7 |
| 14'2" to 16'1" (4318 mm to 4902 mm) | 8 |