

bp - GLASS GARAGE DOORS & ENTRY SYSTEMS

A Product of Bryce Parker Company, Inc.

9412 GIDLEY ST. - TEMPLE CITY, CA 91780

Toll Free: (877) 442-1716 - FAX (626) 579-5320 – WEB: GlassGarageDoors.com

ARCHITECTURAL SPECIFICATIONS

bp - ALUMINUM & GLASS SECTIONAL OVERHEAD DOORS

Manufactured for Shipment across the entire USA

Factory Direct Installations throughout CA, AZ, NV, and Optional In All Other States

- MANUFACTURER:** Aluminum & Glass Sectional Overhead Doors: Full Vision Type or Obscured Vision Type
Manufactured by **bp - Glass Garage Doors** in Temple City, CA - Toll Free (877) 442-1716
An established manufacturer with 55 years experience specializing in Sectional Glass Doors.
- GENERAL INFO.:** **Models: BP- 350** (4 ft.-12ft. wide x 12 ft. high or 350 lbs max.)
BP- 450 HD (12 ft.-18 ft. wide x 14 ft. high or 700 lbs max.)
BP- 550 SHD (18 ft.-24 ft. wide x 16 ft. high or 1600 lbs max.)
- METAL / FRAMES:** All sections are constructed of **bp** - extruded aluminum alloy. The tensile strength is a minimum of 38 ksi, and approximately double the strength of standard 6063-T5 aluminum alloy.
All rails are heat treated to maximum hardness as per Aluminum Association Standards.
Model BP- 350: has a minimum wall thickness of .080 inches.
Model BP- 450 HD: has a minimum continuous wall thickness of .105 inches.
Model BP- 550 SHD: has a minimum continuous wall thickness of .188 inches at key structural load points, an imbedded concealed stiffening strut at .135 inches, and Auxiliary concealed stiffening struts at .250 inches for doors 17 ft. - 24 ft. wide.
- STILES AND RAILS:** **Model BP- 350:** Top rails, bottom rails, and end stiles are 3-1/4" wide.
Model BP- 450 HD: Top & Bottom rails are 5-3/8" wide and end stiles are 3-1/4" wide
Model BP- 550 SHD: Top & Bottom rails are 7-3/8" wide and end stiles are 3-1/4" wide
Horizontal meeting rails have a combined width of 2-3/4".
Vertical intermediate center mullions are 1-1/2" wide.
Zinc-plated 5/16" thru-bolts, nuts, and washers are used to rigidly secure all stiles and rails.
- FINISH:** All rails are standard clear anodized at least 4 mill thick for a permanent luster finish.
Powder coated frame colors must be chosen from the RAL European color standard. (Optional)
(Kynar paints and custom coatings will be considered & approved on an individual basis only)
- DOOR THICKNESS:** 1-3/4" thick.
- JOINTS:** All joints are mitered to form a tight and smooth fit with the door rails.
- COUNTER BALANCE:** Galvanized torsion springs, head-plates, and center spring supports are mounted on a continuous galvanized torsion bar and calculated to exact weight and travel of each door.
Cable drums are of die cast aluminum and are paired for the track type specified.
Lift cables are of high tension galvanized aviation type. (1/8", 3/16", or 1/4" as required by weight)
Stainless Steel springs, and related hardware can be substituted in lieu of galvanized (Optional)
- TRACK:** 2 inch x 15ga. galvanized continuous angle mounted (15 inch or 20 in. radius x 600lb max.)
3 inch x 12ga. galvanized continuous angle mounted (15 inch radius x 1200lb max.)
3 inch x 12ga. Stainless Steel continuous angle mounted (15 inch radius x 1400lb max) (Optional)
All tracks are tapered to insure a weather-tight fit when in the closed position.
(See "Track Selection Guide" for headroom requirements on drawing 5 of 5 to specify track type)
- HINGES:** **bp** - Stainless Steel 12ga. universal and offset type, are graduated at each section to insure weather tight fit. **bp** – Stainless Steel hinges do not require lubrication. (Standard)



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ROLLERS:

2 inch **bp** - Stainless Steel, polymer coated tire, sealed, 500 lb, precision bearing, roller (Standard)
3 inch **bp** - Stainless Steel, polymer coated tire, sealed, 700 lb, precision bearing, roller (Optional)
bp – Stainless Steel sealed rollers do not require lubrication. (Standard)

WEATHER-STRIP:

A Santoprene gasket is applied at the factory the full length of the bottom section and at each end of the top rail where contact is made with the bumper spring.

bp - Architectural perimeter weather-stripping is made of a three-part extruded aluminum and Santoprene system, which conceals the fasteners with a snap cover. The **bp** – Architectural Perimeter Weather Stripping can be exterior or interior mounted for a clean Architectural finish.

OPERATORS:

Manual chain-hoists are compatible with standard, roof pitch, high-lift, and full vertical lift tracks. Electric operation must be specified with the following: Push button station, BEST Core Key Switch, and/or remote control operation. Auto reversing safety sensors are required for residential use and optional for most commercial applications. Operator specifications are per **bp – Glass Garage Doors** factory recommendations; based on weight, height, track type, and as required per code. (Note: Low headroom & Zero-clearance track must be electronically operated for safety)

GLAZING:

Glass, aluminum, or specialty panels ranging from: 1/16” – 1/2” / 1.5mm – 12.7mm thickness are encased in vinyl moldings, held in place by aluminum snap-in beads, and are designed to be easily removed and replaced in case of glass or panel breakage.

GLASS SPECIFICATIONS:

Glass type must be specified with the following: Transparent or obscured frosted, tempered, laminated safety glass, or insulated glass (IG), and clear or color tinted hues.

Tempered Glass meets the quality and strength requirements of ASTM C 1036 and ASTM 1048 for condition A, Quality q3, and Kind FT (Full Tempered). Tempered glass also meets the safety criteria of CPSC 16 CFR 1201 Categories 1 & 2, ANSI Z97.1, and qualifies as the glazing material for use in hazardous locations.

Laminated Safety Glass (0.030 PVB or thicker interlayer with two lites of glass) also meets the safety criteria CPSC 16 CFR 1201 Categories 1 & 2, ANSI Z97.1, and ASTM C 1172 Standard Specifications for Laminated Architectural Flat Glass. 1/4" laminated glass has an STC of 35.

Insulated Glass Units - IG Units supplied are listed as having CBA Certified Products through IGCC (Insulating Glass Certification Council), as tested in accordance with ASTM E2190 Standards. Insulating glass will consist of two lites of glass separated by a dehydrated airspace and dual-sealed with a polyisobutylene primary sealant, and a silicone secondary sealant.

OPTIONAL:

1/8” - 1/4” custom glass panels, 1/2” IG Units, 1/2” Insulated Aluminum panels, 1/16” - 1/4” aluminum or specialty panels, ventilation louvers, interior-mounted security bars, Tapered bottom sections (for use when floor is out of square or sloping), custom panel locations, widths, and varying sections heights within the same door can also be accommodated to meet custom designs.

Florida Building Code Compliant options include: Miami-Dade NOA 10-0802.02, FL13380. (+65.0 / -65.0 PSF Small and Large Missile Impact Rated)

Products that are required to comply with Miami-Dade County Building Code Compliance Office and the Florida Building Code are approved by Architectural Testing, Inc. for Quality Assurance.

Certified Products Options include:

NFRC400 / ASTM E283 Air leakage resistance

NFRC100 Thermal Ratings for U-factor, SHGC, and VT (IG units only)

NFRC Certified Products participate in a Quality Control & Testing Certification Program by the American Architectural Manufacturers Association (AAMA).

bp – Glass Garage Doors may help a project achieve third-party certifications such as USGBC LEED.

VIEW GLASS PANEL OPTIONS & ADDITIONAL INFORMATION ON THE WEB: www.GlassGarageDoors.com

