

PLAZA DOORS

Custom Made Since 1960



High Performance Sliding Glass Doors

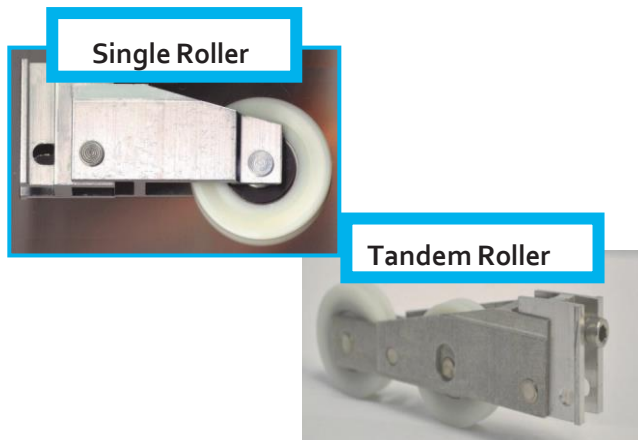


Features of Plaza Doors

Roller Assembly

One of the most important components of a sliding glass door is the roller assembly. We designed our own. Made of 6061-T6 structural grade aluminum alloy with stainless steel axle pins, ball bearings, race, and adjusting hex screw, the large diameter wheel is molded of high density Delrin compound for durability. Delrin is a naturally lubricating material and does not wear away the heavy anodized finish applied to the track. The stainless steel bearing is protected from dust and dirt with Teflon dust shields. It all adds up to a very quiet, easy-rolling corrosion resistant door.

A Tandem Roller Assembly is included as standard hardware on our Titan Series units. The use of two wheels per roller assembly means the mechanical advantage of the large tires has been doubled to provide the easiest, smoothest and quietest rolling Titan door panels.



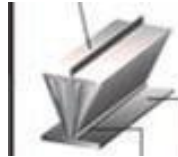
Four Point Weather Sealing— Double Pile & Bulb Vinyl

The bulb vinyl and pile weather stripping is important because it blocks wind and rain water from entering the interior. IIBP integrates this industry standard of weather sealing twice at every jamb, door astragal, and interlock meeting condition. Having this feature helps eliminate the “whistling” or “howling” many sliding glass doors produce during extremely windy conditions.

The pile we use includes a “fin” that extends slightly above the pile to provide maximum seal protection. A single pliable barrier fin with self-supporting pile and built-in “pile directors”, provides an excellent seal with low opening force and friction.

With this pile and our 4 point system we offer the best in protection from water, wind, temperature and insects.

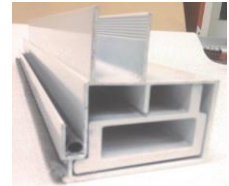
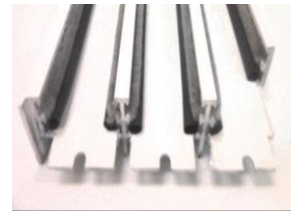
Pile with Fin



Bulb Vinyl



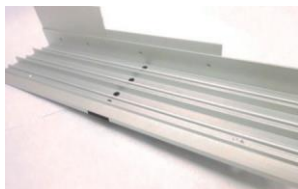
Jamb with Bulb & Pile



Interlock w Bulb & Pile

Track Drainage Built-in “Weep” Drainage System

Water drainage is important in areas where constant rain is a part of everyday life. To keep rain water from finding its way inside, we use a series of watertight discharge pans hidden underneath the track. The force of the water rolling off the doors pushes the water into corresponding “weep” holes that allow water to find its way off of the track and away from the door sill.



Our special Titan “Hi Rise” surface draining track may be utilized for optimum performance during extreme weather and high wind conditions.

Retro Fitting Easy...

As a custom door manufacturer we can accommodate multiple door panels as our tracks have been known to accommodate numerous panels. We take each opening and build to fit the opening. So retro-fits are easily resolved with Plaza Doors. We do not have standard sizes. We are Custom!

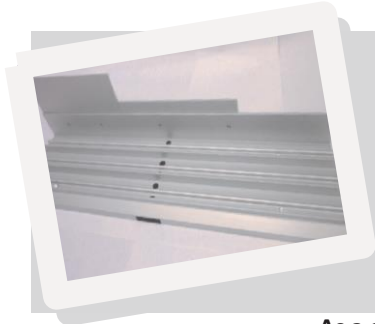


*Custom for your pet as well!
We offer pet doors which can be configured into your opening design.*

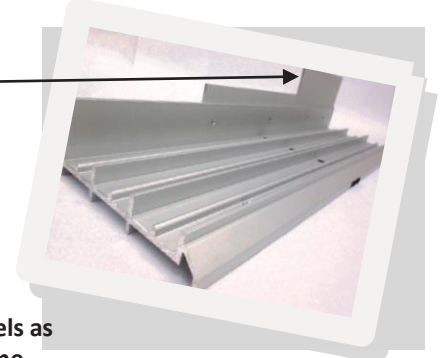
Features of Plaza Doors

RISER OPTIONS ...Controlling Water!!

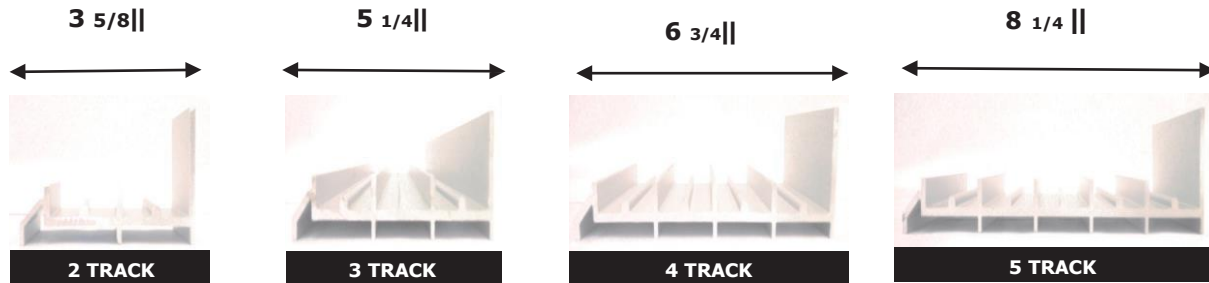
Plaza Door offers 4 options for the sill height depending on the specific requirements for your location. Rain, water, and wind must be handled and we provide the answer with one of our 4 riser heights. See below



Sill Riser Height	3/4"	1 7/8"	2 1/2"	4"
Water Test Pressure	**	6.75 psf.	10.5 psf.	15 psf

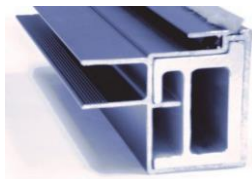
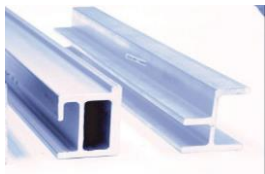


As a custom door manufacturer we can add as many panels as needed or as permitted under the NOA if required. Some examples below.



Reinforcements of Aluminum

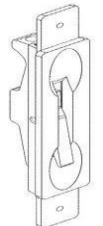
To obtain the high design pressures to withstand up to 240 mph hurricane winds we add heavy duty stiffeners to our interlocks and in some cases the door end rails. These reinforcements in our interlocks are of the heaviest grade aluminum to provide the best support without the worry of rust.



Security Flush bolt Locks

Throw away the old broom stick you propped in your sliding door. The lever operated extension flush bolt provides positive, dependable security.

For the added security of a keyed system, the MS 1850 deadbolt answers the security needs for commercial or residential. The massive laminated bolt is provided in a hook shape to resist the parting motion of the sliding door jamb.



Screen Door

Our Sliding Screen Panels set us aside from other door manufacturers. With the decision that the screen door was as important as any other part of the unit, we consciously proceeded with using the same heavy duty extrusions, same roller assembly, and lock system as is used in our door. This has resulted in our reputation for having an "outstanding deluxe box screen door".

Doors in Motion

Plaza doors are designed to accept Doors in Motion systems. They have designed an automation solution that allows homeowners to safely and quietly operate larger doors with the touch of a button, making it possible for them to enjoy unobstructed views without the burden of operating heavy manual doors.





TIARA—Singer Island

Beau Ciel—Sarasota, FL



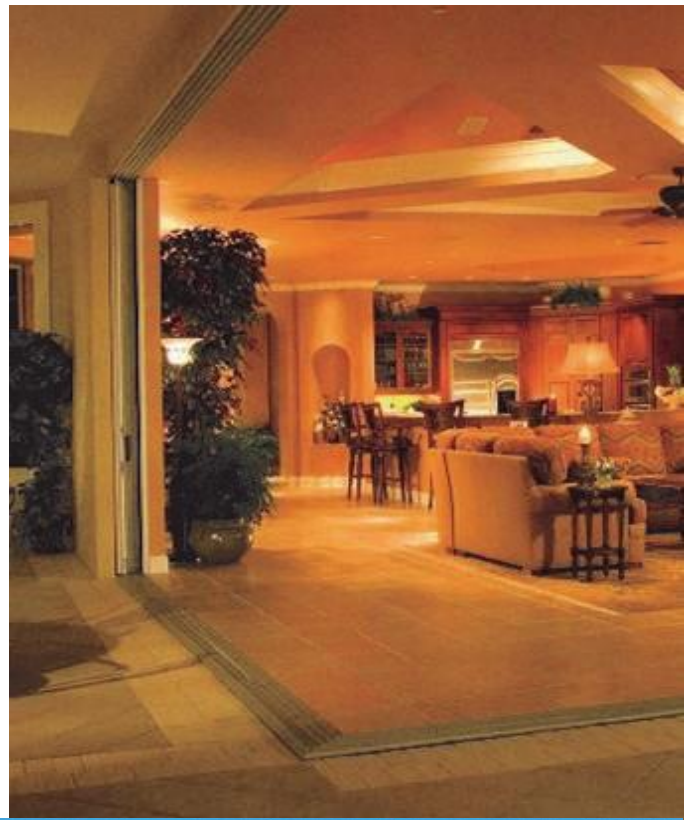
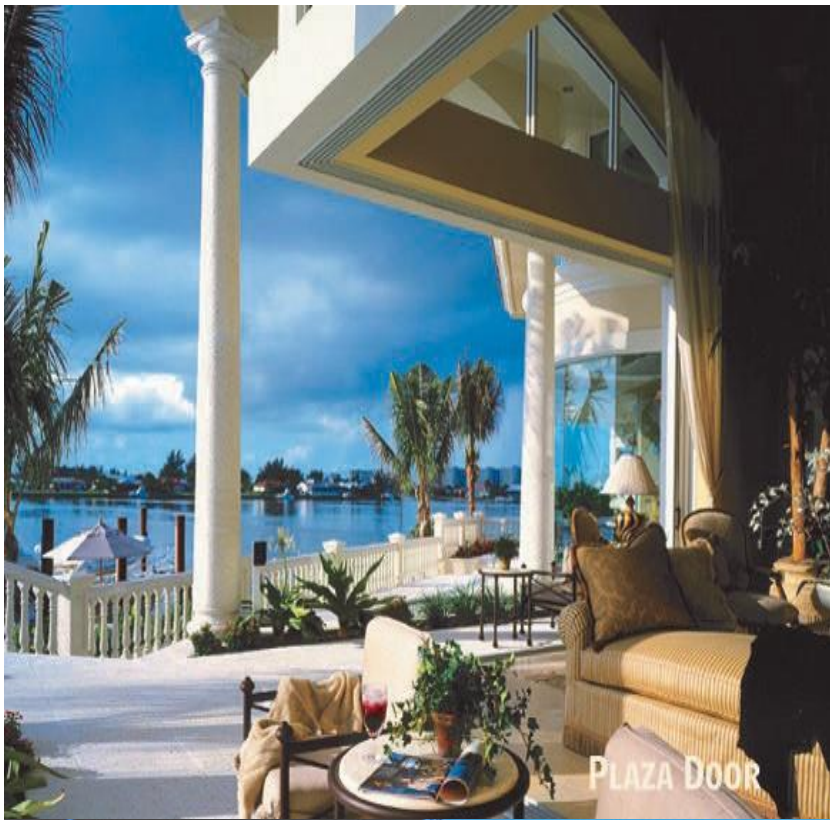
THE HYATT—ATLANTA, GA



NIKKO BEACH
TURKS & CAICOS



Carolinas, Puerto Rico, Bermuda, US
Virgin Islands, British Virgin Islands...



a picture's worth...



FINISHES

We offer 3 Standard Finishes

Bronze Anodized

Acid Etched Anodized
Exceeds AAMA 611



Clear Anodized

Clear Anodized
Exceeds AAMA 611 Standards

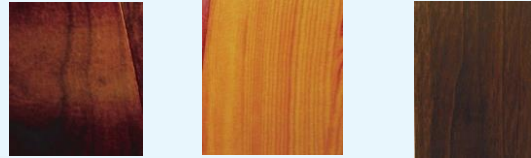


White ESP Paint

AAMA 2603



Want the look of wood but strength of Aluminum?? OUR NEW WOOD GRAIN LOOK is a revolutionary new coating process developed in Europe by Decoral System. Tested by AAMA, this unique coating gives the appearance of a high-end look simulating wood grain with a resistance to all atmospheric agents including acids, humidity and salt.

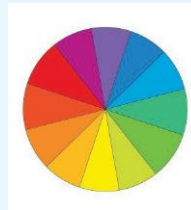


Paint samples are available upon requests. Colors shown are limited by printing reproduction procedures.

But Custom Colors using ESP or Architectural Powder paint..

Such as Kynar ...AAMA-2604 or 2605

Always an Option!!



We've been around since 1960 and we constantly try to improve our products and our service. We know that you, the customer, want a reliable, reputable high end product that will last and stand up to the tests that Mother Nature constantly throws our way.

Survival as a sliding glass door manufacturer located in the South Florida hurricane zone, depends on providing products that can survive the worst hurricanes in the country.

What more can we say?...?

We're here after 50+ years, but more importantly, so are our **DOORS!!**

High Performance Dual Point Locks



This year we introduced a dual point lock. It includes features as an anti-slam device, two multi-laminated closure hooks and of course it is all stainless steel. It is tested to 2000 lbs. for forced entry. This lock is now standard on our Titan doors.

Handles

Our sliding doors use handle pulls that offer keyed locks, thumb turns, or recessed pulls when necessary.

Sentry and Atlas

Sentry and Atlas Doors come standard with our Omega Crescent handle with a single point lock. Available, and when configurations dictate, we use our recessed pull. Black or white colors available.

Omega

With Single Point & with Dual Point Locks



Recessed Pulls

Interior locking & exterior



Signature Contemporary

Either in brushed aluminum, white or black, with recessed locking or a thumb turn. This handle can be used with a single or dual point lock.



GLASS ...its Not Just Glass!

It's Tinted, Reflective, Insulated, Laminated, Low-e etc.

It's your view, light, source of heat –cold. It is many things!
Knowing your options can increase the protection you seek for your investment as well as increase your energy efficiency.



Near the coast? then safety from flying debris, high winds and water are a huge concern. Impact glass is a must and in many states, code will require that you have protection. We use the best laminated, impact resistant glass available, DuPont™ SentryGlasPlus®. (SGP) This architectural laminated glass, is five times stronger and up to 100 times stiffer than conventional laminated materials. With heat strengthened glass on either side of the laminate and SGP as the interlayer, we have a safety glass that protects against bigger storms, larger impacts and more powerful blasts. For safety and code we use SGP glass in our Large Missile Impact Titan door.

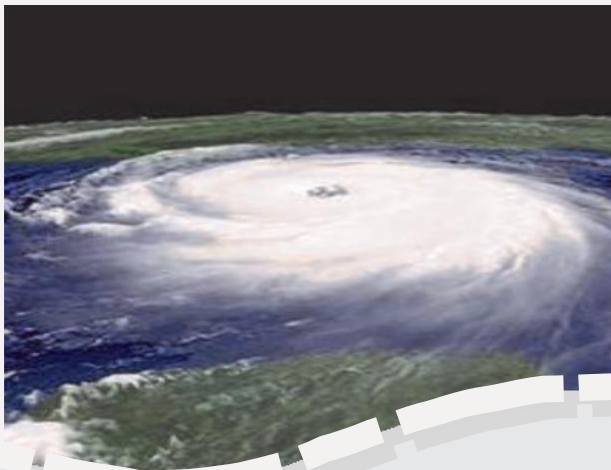


Perhaps energy efficiency is important to you and you want to lower those utility bills. Tinted glass with either a Low-e or reflective coating is a glass that you want to consider. To use Low -e (low emissivity) you need to have an insulated glass product. Tinting can be done on any glass type. Plaza has a variety of choices: clear, gray, bronze, blue, or green as just some of the more popular. Look to our Titan 85 for insulated/impact qualities.



Turtle Code is usually a requirement controlling visible light transmittance (VLT) . A VLT of less than .45 on all new construction windows/doors within sight of the beach is often required. A typical solution is to specify laminated glass that is tinted gray. This meets the acceptable VLT and meets hurricane impact requirements in coastal areas adjacent to turtle nesting designated areas. Check with a Plaza Dealer in your area.

HURRICANES –Survive the Storm with Titans



When you need protection from wind borne debris and water, you need Plaza's Titan door. We submitted our Titan to the stringent testing requirements of Miami-Dade to qualify for their NOA's. (Notice of Acceptance) There is no better certification!



With the added strength of more aluminum per pound than our competition and using DuPont's SentryGlas Plus® we provide you with a sliding glass door that stays in tact. Even when the glass is broken, the interlayers prevent debris and water from getting inside your home.

Plaza Aluminum Sliding Glass Doors for Patio and Interior

If you need interior sliding glass doors or exterior patio sliding glass doors and do not have the worry of hurricane force winds and debris, then Plaza makes a **Sentry** series and an **Atlas** series that you will find are outstanding residential units for your home. Sentry series is adaptable to both interior and exterior applications. The Atlas has been tested for higher wind pressures and has an added "hannerail" at the vertical rails. So we particularly recommend Atlas when the heights or widths of the panels are larger than average, or installation is above the second floor, or when there is a possibility

of stronger weather, wind load, conditions.

These doors can be glazed with 1/4" to 7/8" insulated glass. The same high quality components, i.e. rollers, locks, aluminum extrusions, and screens, are used in the Sentry and Atlas that are used in our Titan reinforced doors.

Since we are a custom door manufacturer, the opening can determine the number of panels. When code regulations are not an issue then we can fit any opening size.

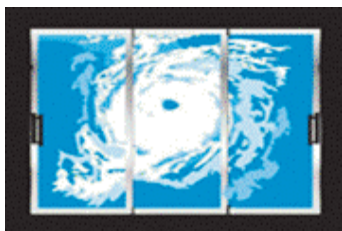
TESTING RESULTS

MODEL	DESIGN PRESSURE	MAX. PANEL SIZE
SENTRY	45.9 +/-psf	51" X 80"
ATLAS	61psf	62" X 96"

NON IMPACT

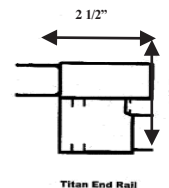
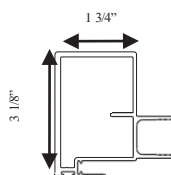
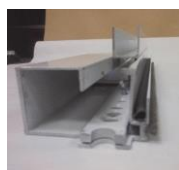


Plaza Aluminum Sliding Glass Door - HURRICANE TESTED



TITAN SERIES

TITAN Series is specially designed to meet ultra high performance wind load, water and air infiltration specifications. Again utilizing basic component parts, the Titan Series consists of a Heavy double tube 2 1/2 " wide x 2 3/4 " deep vertical lead stile and a 1 3/4 " wide x 3 1/8" deep heavy interlock stile. A solid aluminum concealed insert reinforcement allows heights to 10 feet. This unit has been tested to 142 psf. A special drained track system with a 4" high back fin repels water infiltration and has been tested successfully at 15.00 psf/wtp. The Titan is the sliding glass door for tough, weather-resistant protection in the most demanding applications.



TITAN 50 Series Impact or Non-Impact

This Series is the most versatile- offering panels up to 54 3/8" wide and up to 10' in height. Pockets, or 90 or 135 degree Corner Doors, and multiple configurations have been tested in this series. It is available for Large or Small missile glazing depending on your zone and elevation requirement. It also can be glazed with 1/4" glass when shutters are used and impact glass is not necessary.



Wilmington, NC

The Remarkable Corner Door

90 or 135 Degree

In 1991 Plaza Door designed and introduced the unique "traveling corner" with 90 or 135 degree configurations bringing the "outside in or the inside out" by removing corner supports.

TITAN 85 Series: Insulated-Impact

When energy efficiency is the priority the Titan 85 provides insulation as well as protection from flying debris. With Design pressures up to 85 psf. this door works for most wind requirements. Panel can be up to 52" wide and heights go up to 98 3/4" . This door can be glazed with insulated glass and laminated, SGP, large missile impact.



TITAN 90 Series

Small or Large Missile Impact

With Design pressures up to 90 psf. This door works for most wind requirements. It has been tested/approved in Texas as well. Panels can be up to 54" wide and heights go up to 10'. This door can be glazed with small or large missile . First and second floor units should be large missile, while units over 30' from ground will be small missile.

TITAN 120 Series Small Missile Impact

With Design pressures up to 100+ and 120- psf. this series is often used for Coastal high rise applications where small missile impact is desired in units above 30 ft. from ground level. Panels can be up to 60" wide and heights go up to 10'.

Singer Island, FL



British Virgin Island—Corner Door with exterior pockets

MODEL	DESIGN PRESSURE	MAX.PANEL SIZE
TITAN 50	50+/-	54 3/8 "x120"
	50 +/-	54 3/8" x 120"
	50+/-	54 3/18" x 120"
TITAN 90	90 +/-	54 x 114"
		52" 120"
TITAN 120	100+/120-	60" x 102"
		52"x120"
TITAN 142	142 +/-	47 1/2" x 94 3/4 "
TITAN 85	85 +/-	52"x98 3/4"

Coming Soon! *A complete line of the finest Impact Hurricane vinyl windows and doors in the industry !!*



Why Plaza Doors?

- **REPUTATION** in business for over 50 years, widely recognized among architects, contractors, designers and other professionals in the building and remodeling industry.
- **DURABILITY** only the finest aluminum, all stainless steel hardware, the smoothest, quietest roller assemblies, and the best screens in the industry.
- **DESIGN** our door was designed for the Customer—narrow site lines, ease of handling, and each one is CUSTOMIZED to your specifications. We offer doors up to 10' in height.

Call us or your local glass/glazing company for more info on how we can fit your sliding door needs.

About us..

Plazadoor Corp is a manufacturer of custom Sliding Glass Doors known as Plaza Doors. These doors have been continually tested, modified and improved since their beginning in 1960. Made from the finest extruded, architectural grade aluminum, our designs are customized to meet the highest performance requirements of Impact or Non-impact doors.

Located in West Palm Beach for over 50 years, Plaza Doors have been installed in virtually every US state, the Caribbean, and internationally as far away as China.

We take our reputation seriously and vow to make sure you have consistent quality and service beyond expectations with prices among the most competitive.

Our high standards surpass the stringent testing required for acceptance by Miami Dade NOA, Texas Department of Insurance, ASTM, and others.

We look forward to answering any questions you have and assisting in the —Custom|| door design you need for your home or business.

www.plazadoorcompany.com

561-578-5450

info@plazadoorcompany.com

1500 Avenue R. Ste. #200

Riviera Beach, FL 33404

