



Leading global bi-fold **experts**.

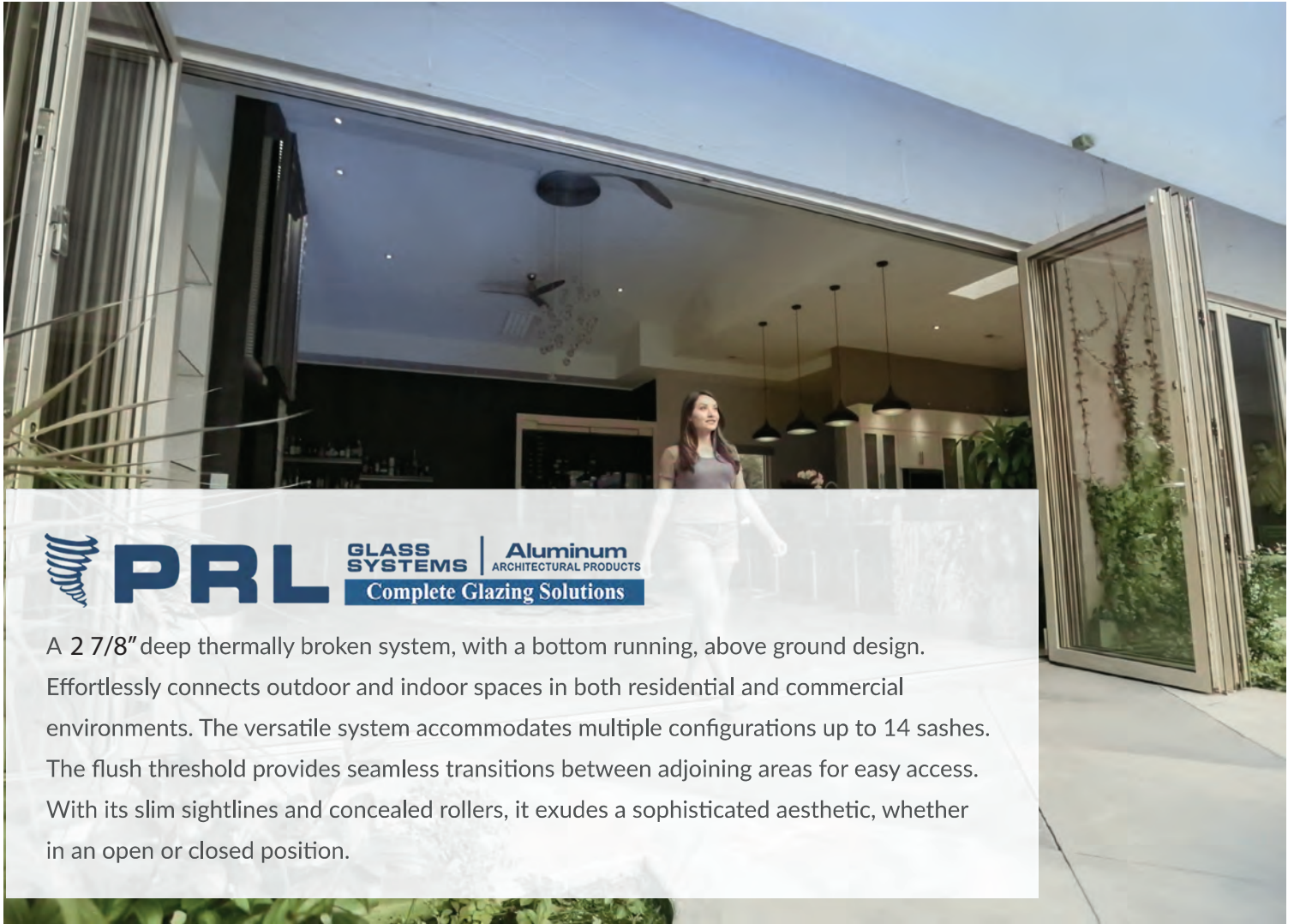
With over 30 years of experience. Our cutting-edge bi-fold door systems and durable hardware are subjected to rigorous quality control measures and are distributed to over 16 countries worldwide.

From concept design to in-house manufacture and global distribution, our team of dedicated experts can support you every step of the way.

#### HOW WE CAN SUPPORT YOU:

- Market leading tried and trusted bi-fold system
- Solution providers
- In-house design team
- Dedicated team of bi-Fold experts
- Full training provided for fabrication and installation
- Established global distribution





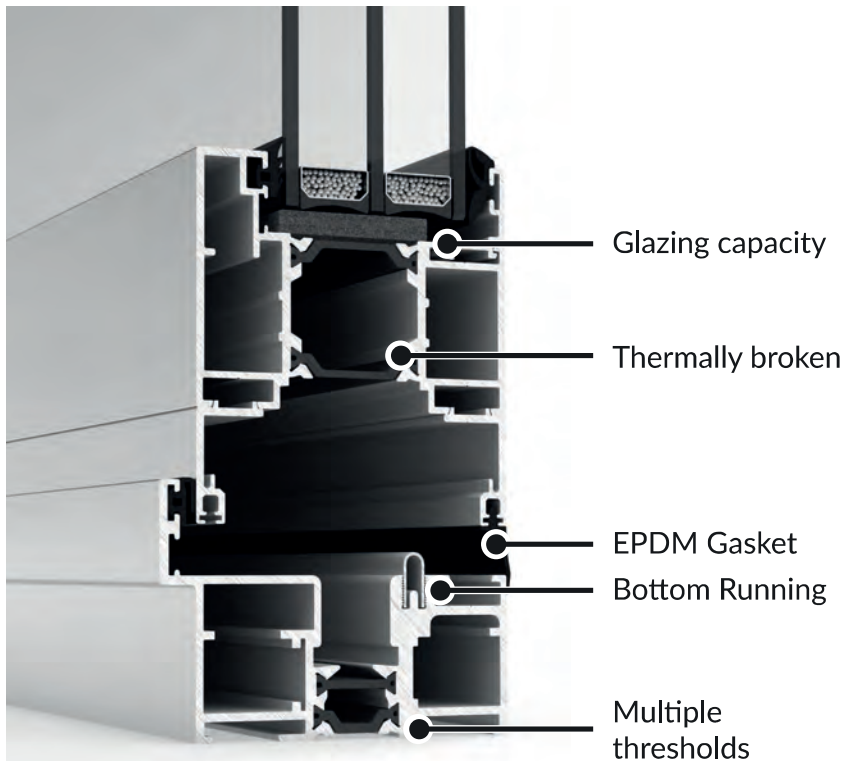
**PRL**

**GLASS  
SYSTEMS**

**Aluminum  
ARCHITECTURAL PRODUCTS**

**Complete Glazing Solutions**

A 2 7/8" deep thermally broken system, with a bottom running, above ground design. Effortlessly connects outdoor and indoor spaces in both residential and commercial environments. The versatile system accommodates multiple configurations up to 14 sashes. The flush threshold provides seamless transitions between adjoining areas for easy access. With its slim sightlines and concealed rollers, it exudes a sophisticated aesthetic, whether in an open or closed position.



## FEATURES AND BENEFITS

- Fabricator and installer friendly
- In-line bottom running system
- Concealed rollers
- Slim sightlines
- Multiple glazing options for varied glass thickness
- No need for structural posts on open corner bi-folds
- Doors can open in or out using the same profiles
- The sash and outer frame are the same depth, delivering excellent thermal values
- High performing and very desirable attractive bi-fold door
- Thermally efficient reducing cooling/heating costs
- Colour matched handles and magnetic door holders



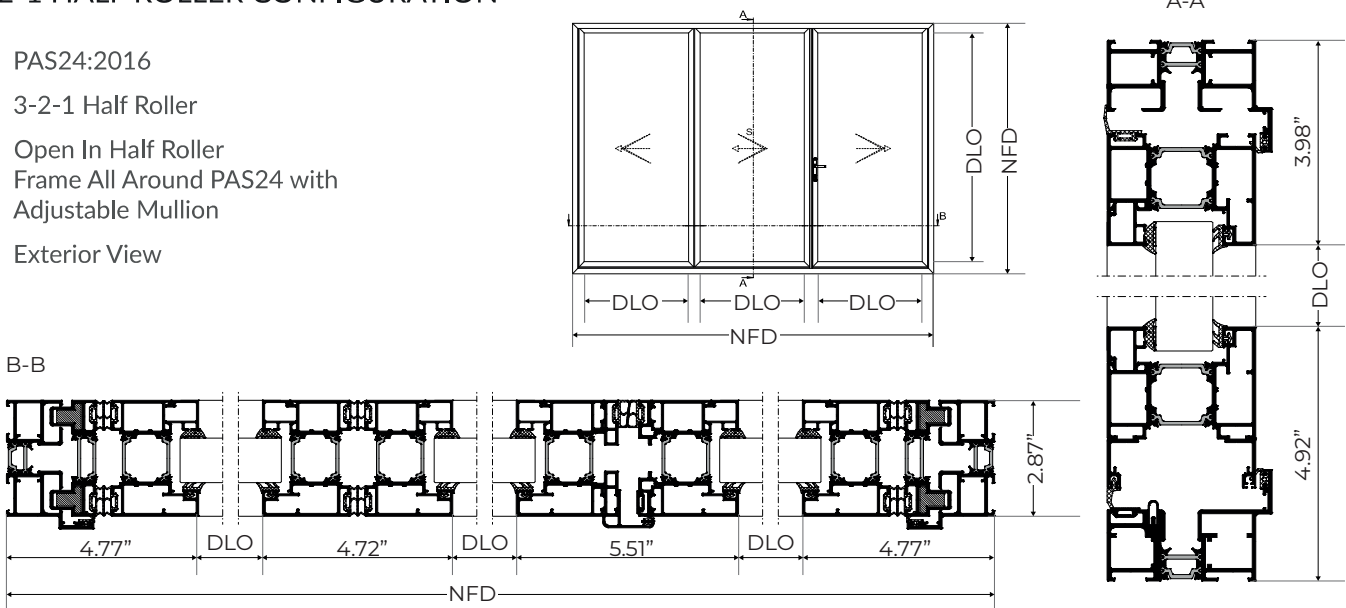
## TECHNICAL SPECIFICATIONS

- Maximum weight 264.55 lb per panel
- Maximum height 118 1/8" x 47 1/4" width
- Adjustable jamb option with up to 5/16" tolerance
- Every conceivable configuration achievable up to 14 panels
- High quality 2 wheel rollers allow for wider panels and less friction
- Polyamide thermal break for increased thermal values: 0.2466 Btu / (h.ft2.F)
- Successfully tested in both the UK and North America
- Document Q compliant including PAS 24 and BS6375 Part 1 weather testing



### 3-2-1 HALF ROLLER CONFIGURATION

- PAS24:2016
- 3-2-1 Half Roller
- Open In Half Roller  
Frame All Around PAS24 with  
Adjustable Mullion
- Exterior View



## TEST RESULTS

### 1. Air Permeability

The test sample met the requirements of the Specification, in respect of Clause 6, for Test Pressure Class

### 2. Watertightness

The test sample met the requirements of the Specification, in respect of Clause 7, for Test Pressure Class 1A.

### 3. Wind Resistance

The test sample met the requirements of the Specification, in respect of BS6375-2:2009, for Exposure Category B2 (800Pa).

### 4. Operational Strength

Test sample 1 met the requirements of the Specification in respect of BS6375-2:2009.

### 5. Basic Security

Test sample 1 met the requirements of the Specification in respect of BS6375-3:2009.

## CLASSIFICATION FOR OPERATIONAL STRENGTH

Operating forces	Class 1
Vertical load	Class 2
Resistance to Static torsion	Class 2
Soft and Heavy body Impact Load bearing	Class 2
Hard body impact	Class 2
Load bearing capacity of safety devices	N/A
Closure against obstruction	Pass



