



**DURALUMi**  
BY MAGNOLIA DOORS

**NEO-SLIDE  
SERIES**

# **BI-FOLDING DOORS**

90s





# BI-FOLDING DOORS

## STATELY WALLS OF LIGHT

Blur the lines between indoors and out with Folding outswing doors, part of the Duralumi Architectural Collection. When closed, they are a stately wall of light and when open, they fold, virtually out of sight. Contemporary and traditional style options make them ideal for nearly any home design.

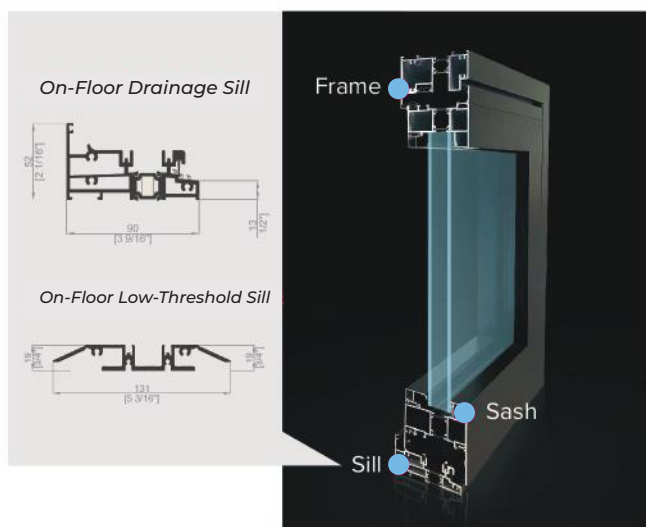
### ALL FEATURES

- Bottom-rolling System For Ease Of Operation And Longer Lifespan
- High Quality Extruded Aluminum For Strength & Performance
- Sill Options That Suit Weather Exposure Or Flush Floor Transitions From Inside To Outside
- Concealed Multi-point Locking System For Ease Of Operation And Security
- Up To 12 Panels
- Inswing Or Outswing Flexibility
- Range Of Commercial Options Including Hardware, ADA Thresholds And 19mm Bottom Rails
- Wide Range Of Glazing Options For Improved Thermal Performance, Safety, Protection And Privacy
- Doors can be built to open from the left, right or center
- Optional retractable insect screen
- Maximum weight per panel



# Features

When closed, these folding outswing doors create a stately wall of light. When open, they transform a room into a gateway to the world outside. With standard or custom panel designs, they fit openings between 450mm to 950mm wide and between 1290mm to 3000mm in height. Doors can be built to open from the left, right or center and can be used as pass-through windows for outdoor entertaining areas.

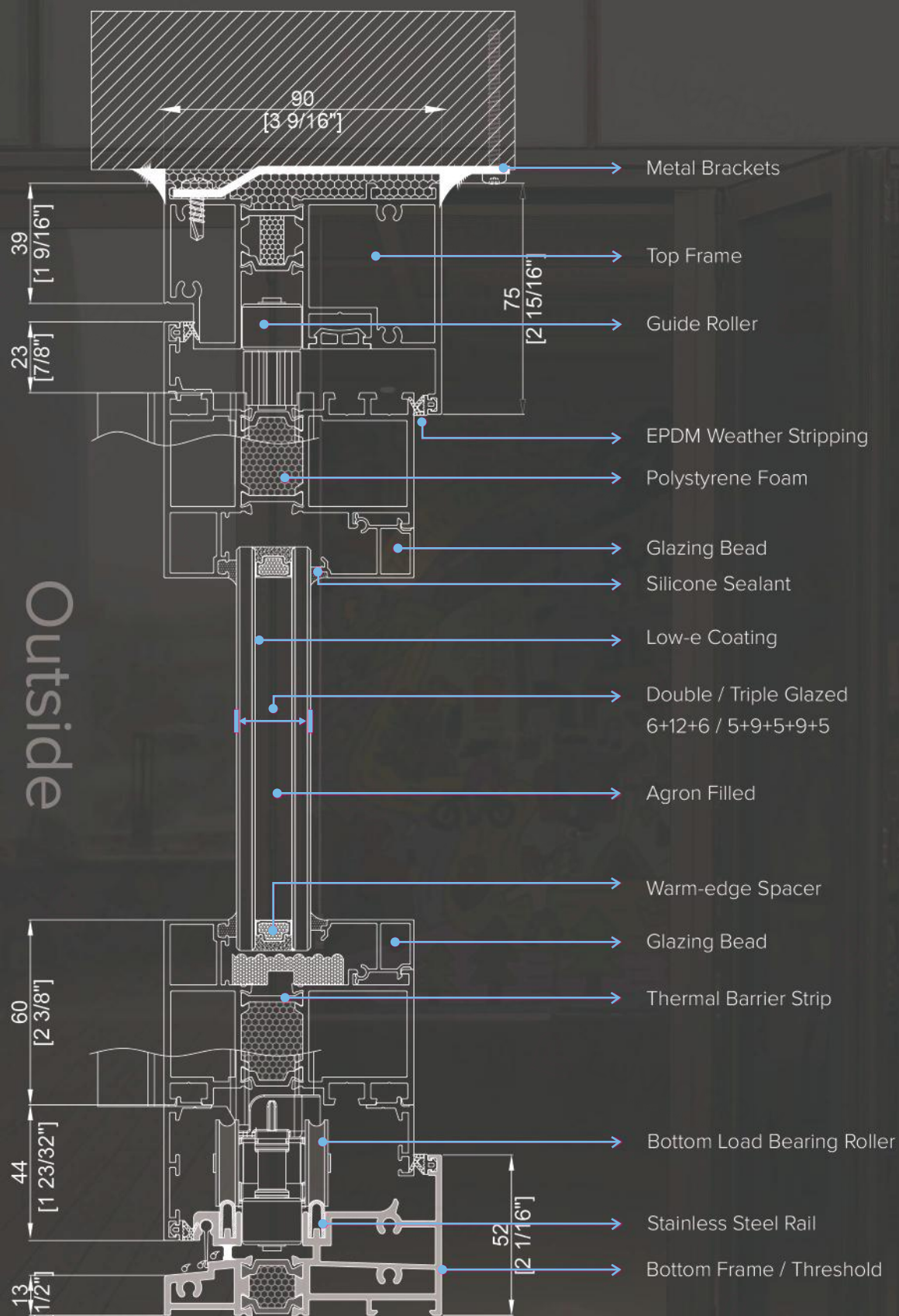


## Technical Characteristics

Aluminum Profile Thickness		≥2.0mm
Visible Width (Outside)	Frame	44mm
	Sash	60mm
Profile Depth	Frame	90mm
Frame:	Aluminum w/ Thermal Break	
	6060-T66 Profile ≥2.0mm Thickness	
Finish:	Powder Coating, RAL Colors	
Glass:	Tempered Safety Glass	
	Double-pane/Triple-pane	
	Argon Fill	
	LowE Coating	
	Warm-edge Spacer	
Hardware:	CMECH and SAVIO, Handle	
Types of Mechanism:	Bottom-rolling System	
Weather Seals:	EPDM Gasket	
Sill Options:	High Performance Sill, Low Profile Sill	
Installation:	Metal Clips or Drill Through Frame	

Double-pane	
U-Value	SHGC
<b>0.39</b>	<b>0.21</b>
Triple-pane	
U-Value	SHGC
<b>0.30</b>	<b>0.16</b>







# Hardware Systems

Handle & Hinge

Folding Systems Utilize Architectural Grade Materials And Precision Bearings Offering Long Lasting Durability And Effortless Operation. Lacantina Handle Hardware Is Offered In A Range Of Styles And Finishes With The Ability To Match Custom Hardware To Existing Packages.



FS-01



FS-02



FS-03



CMECH



# Colour

Aluminum Profile &  
Simulated Woodgrain

## Aluminum Profile Color

RAL 9016 Traffic white	RAL 9018 Papyrus white	RAL 9011 Pearl light grey	RAL 9023 Pearl dark grey	RAL 9004 Signal black	RAL 9011 Graphite black	RAL 9017 Traffic black	RAL 9005 Jet black	RAL 7045 Telegrey 1	RAL 7046 Telegrey 2	RAL 7047 Telegrey 3
RAL 7035 Light grey	RAL 7036 Platinum grey	RAL 7037 Dusty grey	RAL 7038 Agate grey	RAL 7039 Quartz grey	RAL 7040 Window grey	RAL 7042 Traffic grey A	RAL 7043 Traffic grey B	RAL 7044 Silk grey	RAL 7048 Pearl mouse grey	RAL 7034 Yellow grey
RAL 8000 Green brown	RAL 8001 Ochre brown	RAL 8002 Signal brown	RAL 8003 Clay brown	RAL 8007 Fawn brown	RAL 8008 Olive brown	RAL 8014 Sepia brown	RAL 8015 Chestnut brown	RAL 8019 Grey brown	RAL 8022 Black brown	RAL 8024 Beige brown
RAL 8025 Pale brown	RAL 8028 Terra brown	RAL 7000 Squirrel grey	RAL 7001 Silver grey	RAL 7005 Mouse grey	RAL 7016 Anthracite grey	RAL 7022 Umbra grey	RAL 7030 Stone grey	RAL 7031 Blue grey	RAL 1000 Green beige	RAL 1001 Beige
RAL 1002 Sand yellow	RAL 1003 Signal yellow	RAL 1005 Honey yellow	RAL 1006 Maize yellow	RAL 1011 Brown beige	RAL 1013 Oyster white	RAL 1014 Ivory	RAL 1015 Light Ivory	RAL 2013 Pearl orange	RAL 3000 Flame red	RAL 3003 Ruby red
RAL 3004 Purple red	RAL 3005 Wine red	RAL 3007 Black red	RAL 3012 Beige red	RAL 3013 Tomato red	RAL 3014 Antique pink	RAL 3017 Rose	RAL 3018 Strawberry red	RAL 4007 Purple violet	RAL 4011 Pearl violet	RAL 4012 Pearl black berry
RAL 5000 Violet blue	RAL 5002 Ultramarine blue	RAL 5005 Signal blue	RAL 5007 Brilliant blue	RAL 5009 Azure blue	RAL 5010 Gentian blue	RAL 5018 Turquoise blue	RAL 5022 Night blue	RAL 6000 Patina greenC	RAL 6003 Olive green	RAL 6004 Blue green

## Simulated Woodgrain

MW-00	MW-01	MU-04	MW-07	MW-08	MW-010 Quercus serrata	MW-011 larch	MW-012 pale grey	MW-013 Simple Yellow	MW-014 Simple White	MU-015 sandalwood
MW-016 Thai teak	MW-017 Golden White Oak	MW-018 Cherry	MW-019 walnut	MW-020 yellow oak	MV-021 red oak	MW-022 red acid branch	MW-023 yellow sour branch	MW-24 yellow rosewood	MW-025 Pyrus nigra	



# Design Criteria

To ensure proper performance and operation, please verify the structural integrity of the collection box, with a maximum load capacity of **100 kg**.



Contact your **Duralumi** supplier for additional dimensions and specifications.

## Custom Panel Examples



Rectangular panels are available with virtually any design.

### Full Divided Light Grilles

Home Interior		
Between Glass		
Home Exterior		

### Between-the-Glass

Home Interior	N/A	N/A
Between Glass		
Home Exterior	N/A	N/A

## Contemporary Panel Sizes



## Custom Widths

Number of Panels	Minimum to Maximum
3-Panel	1829mm to 2438mm
4-Panel	2438mm to 3658mm
5-Panel	3658mm to 4877mm
6-Panel	4877mm to 5750mm

Number of Panels	Minimum to Maximum
7-Panel	5750mm to 6300mm
8-Panel	6300mm to 7200mm
10-Panel	7200mm to 8500mm
12-Panel	8500mm to 10200mm



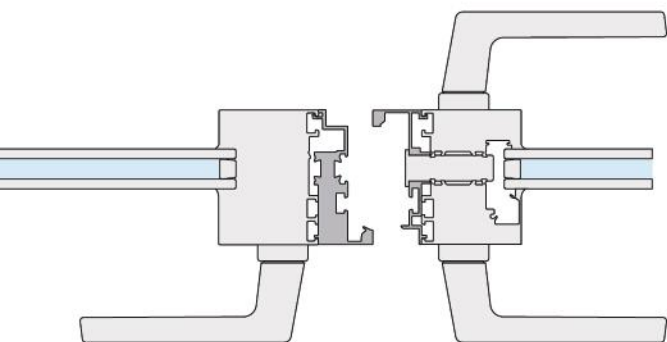


# Panel Configurations

Configurations are designated from left to right as viewed from the exterior.

## Passive Panel-Active Panel or Active Panel-Passive Panel

astragals are used for doors with two-direction panel operation and an odd-odd number of panels. Example: **5L3R**



### Three - Panel



### Four - Panel



### Five - Panel



### Six - Panel



### Seven - Panel



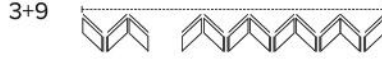
### Eight - Panel



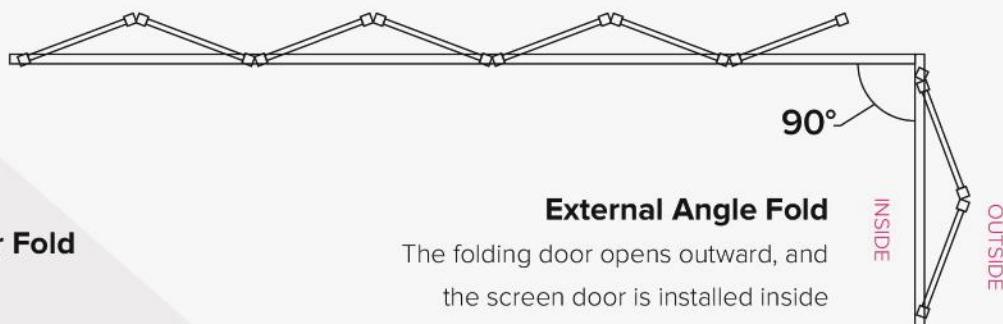
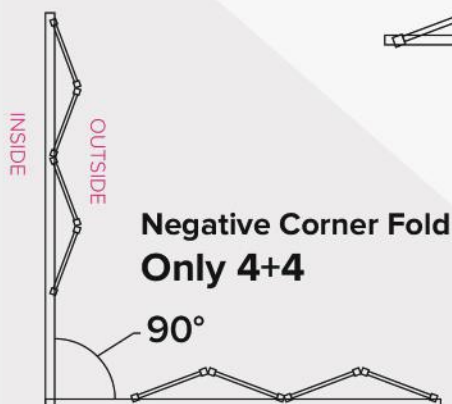
### Ten - Panel



### Twelve - Panel



## 90 Degree Freedom Of Opening

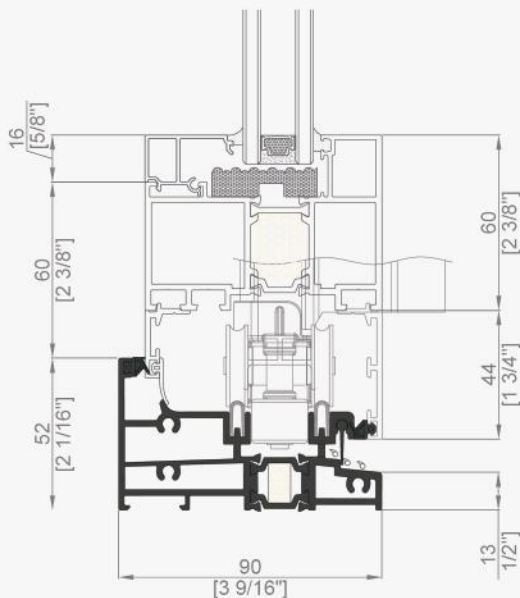




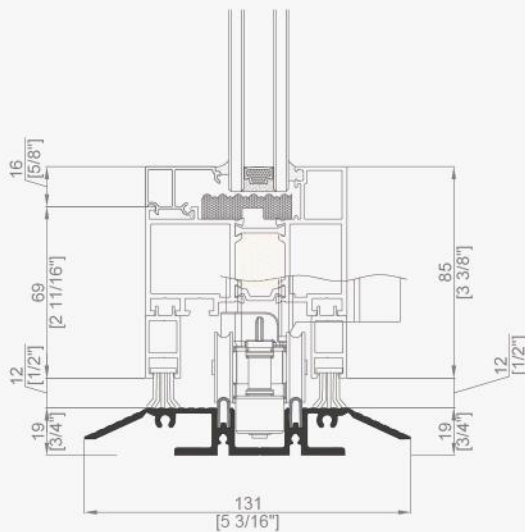


# On-Floor Sill

## On-Floor Drainage Sill



## On-Floor Low-Threshold Sill



Accessible, Wheelchair Accessible

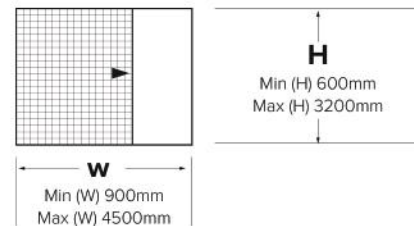
# Retractable Screen

It is sufficient to place the screen in the opposite direction to the opening direction

The screen uses only the finest quality materials, The sining cords run horizontally over multiple precision bearings.

The tensioning cords providestability to the screen and control the vertical orientaton of the handle bar. The precision bearings significantly increase the life of the screen and keep operating force very low. enabling effortless opening and closing.

## Single Screen



## Double Screen

