**CAPACITY**

Max. door weight: 264 lbs. (120kg)

Max. door height: 9'10" (3000mm)

Max. door width: 4' (1200mm)

Door thickness: 13/8"-2" (35mm-50mm)

**APPLICATIONS**

Top hung Pacer gear for residential and commercial doors requiring 135° movement.

**DOOR TYPES**

Moderate weight wood and aluminum doors.

**TECHNICAL INFORMATION**

**Track:** 600A (extruded aluminum)  
Available in 6', 8', 10', and 16½" lengths

**Intersects:**  
Right-hand intersect: 45R/600  
Left-hand intersect: 45L/600

**Curves:**  
45° curve: 600C

**Brackets:**  
Face fix: 1B  
Jointing bracket: 1BX

**Hangers:**  
Concealed fixing: 61B/MD  
Angle plate fixing: 21B/MD

**Pivots:**  
For door widths between 1"-1½" (25-34mm): 21K/PX  
For door widths between 1¾"-2" (35-50mm): 21B/P

**Accessories:**  
Flush pull: 400  
Flush bolts: 333/454  
Narrow flush bolt and keep: F3715 & F3734  
Track stop: HH3/290
**CAPACITY**

Max. door weight: 264 lbs. (120kg)
Max. door height: 9'10" (3000mm)
Max. door width: 4' (1200mm)
Panel thickness: 3/8" (10mm) or 1/2" (12mm)

**APPLICATIONS**

The Pacer multidirectional system for glass is a system for both interior and exterior applications. Panels can be secured by either full length glass profile or patch fittings.

**DOOR TYPES**

Tempered glass panels of 3/8" (10mm) or 1/2" (12mm) thickness. Use of laminated glass panels is also possible.

Note: when using glass clamps in combination with protective coatings for glass surfaces such as Clear Shield, ensure that the glass surface to be clamped is not treated with the Clear Shield coating.

**TECHNICAL INFORMATION**

**Track:**
600A (extruded aluminum)
Available in 6', 8', 10', and 16’5”, lengths

**Intersects:**
Right-hand intersect 45R/600
Left-hand intersect 45L/600

**Curves:**
45° curve 600C

**Brackets:**
Face fix 1B
Jointing bracket 1BX

**Hangers:**
56B/MD

**Glass Profiles:**
Top/bottom profile FRP02

**Pivots:**
Glass pivot set 21/550GP

**Accessories:**
Track stop HH3/290

**GLASS WEIGHT**

3/8" glass 5.05 lbs./sq. ft.
1/2" glass 6.4 lbs./sq. ft.

REQUIRES NO SPECIAL GLASS CUTTING

43
FLEXIROL 90°
MULTIDIRECTIONAL
SYSTEM FOR WOOD
AND ALUMINUM DOORS

[Diagram and dimensions are included here, showing various components and measurements related to the multidirectional system for wood and aluminum doors.]
**CAPACITY**

Max. leaf weight: 220 lbs. (100kg) (2 hangers per leaf)  
110 lbs. (50kg) (1 hanger per leaf)  
Max. door height: 19’8” (6000mm)  
Max. door width: 19’8” (6000mm)  
Door thickness: 19/16”-3 1/16” (40mm-100mm)  
Max. swing door width: 4’ (1200mm)

**APPLICATIONS**

Lightweight partitions for internal and external applications requiring 90° movement.

**DOOR TYPES**

Commercial wood and aluminum doors.

**TECHNICAL INFORMATION**

| Track: | 550A |  
| Intersects: | ‘T’ junction 550AT | Cross-junction 550ACROSS |  
| Elbows: | 90° elbow 550A90 |  
| Brackets: | Face fix 1A/550 | Soffit fix 3S/550 |  
| Hangers: | Angle plate fixing 555/21 | Concealed fixing 555/61 |  
| Pivots: | Pivot set 21/550P |  
| Accessories: | Track stop HH3/301 | Flush pull 400 |  
| | | Flush bolts 333/454 |  
| | Narrow flush bolt and keep F3715 & F3734 |  

**90° Configurations**

![90° Configurations Diagram]

**Door Rebates**

Example Rebated Doors

![Door Rebates Diagram]

**Example Rebated Doors**

Stop HH3/301 (2 1/8”) (3 3/8”)  
65 85  
2 Clearance (1/16”)  
2  
2 Clearance (1/16”)
FLEXIROL 90°
MULTIDIRECTIONAL
SYSTEM FOR GLASS DOORS
**CAPACITY**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. door weight:</td>
<td>220 lbs. (100kg) (2 hangers per leaf)</td>
</tr>
<tr>
<td></td>
<td>110 lbs. (50kg) (1 hanger per leaf)</td>
</tr>
<tr>
<td>Max. door height:</td>
<td>9’2”-3/4” (2800mm-10mm) tempered glass</td>
</tr>
<tr>
<td></td>
<td>13’1”.-1/2” (4000mm-12mm) tempered glass</td>
</tr>
<tr>
<td>Max. door width:</td>
<td>4’3”-3/8” (1300mm-10mm) tempered glass</td>
</tr>
<tr>
<td></td>
<td>4’3”-1/2” (1300mm-12mm) tempered glass</td>
</tr>
<tr>
<td>Panel thickness:</td>
<td>3/8” (10mm) or 1/2” (12mm)</td>
</tr>
<tr>
<td>Max. swing door width:</td>
<td>4’ (1200mm)</td>
</tr>
</tbody>
</table>

**APPLICATIONS**

Lightweight glass partitions for internal and external applications requiring 90° movement.

**DOOR TYPES**

Tempered glass panels of 10mm (3/8”) or 12mm (1/2”) thickness. Use of laminated glass panels is also possible.

**TECHNICAL INFORMATION**

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track</td>
<td>550A</td>
</tr>
<tr>
<td>Brackets:</td>
<td>Face fix 1A/550</td>
</tr>
<tr>
<td></td>
<td>Soffit fix 3S/550</td>
</tr>
<tr>
<td>Hangers:</td>
<td>90° hanger 555</td>
</tr>
<tr>
<td>Glass Profiles:</td>
<td>Top/bottom glass profile FRP02</td>
</tr>
<tr>
<td>Pivots:</td>
<td>Glass pivot set (top and bottom) 21/550GP</td>
</tr>
<tr>
<td>Accessories:</td>
<td>Track stop HH3/301</td>
</tr>
</tbody>
</table>

**GLASS WEIGHT**

<table>
<thead>
<tr>
<th>Glass Thickness</th>
<th>Weight/sq. ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8” glass</td>
<td>5.05 lbs.</td>
</tr>
<tr>
<td>1/2” glass</td>
<td>6.4 lbs.</td>
</tr>
</tbody>
</table>

**90° Configurations**

- System A
- System B
- System C
- System D
- System E

**Note:** When using glass clamps in combination with protective coatings for glass surfaces such as Clear Shield, ensure that the glass surface to be clamped is not treated with the Clear Shield coating.
FLEXIROL 135°
MULTIDIRECTIONAL SYSTEM FOR WOOD AND ALUMINUM DOORS

Ball Bearing House Ø 38 (1 1/2")

Drill Hole Ø 18 x 50 (1/8" x 1 1/4")

Adjustable Nut

Top Pivot 21/550P

Guide 21R/94

Flush Bolt F3715

Keep 3734

Cover 11/8" x 1/4" x 1/8" (46 x 6 x 3)

Bottom Pivot

Hanger 556/21

Hanger 556/61

Adjustable Nut

Drill Hole Ø 18 x 50 (1/8" x 1 1/4")

11/8" x 1 7/8" x 1 1/8" (29 x 22 x 26)

3 7/8" (98.4)

2 7/8" (73)

3 7/8" (98.4)

6 1/8" (16.4)

11/8" (29.2)

6 1/16" (154)

6 1/16" (154)

1 7/8" (47.6)

2 7/8" (73)

3 7/8" (98.4)

11/8" x 115/16" (11/16" x 115/16")
CAPACITY

**Max. door weight:** 1100 lbs. (500kg) (2 hangers per leaf)
550 lbs. (250kg) (1 hanger per leaf)

**Max. door height:** 19’8” (6000mm)

**Max. door width:** 19’8” (6000mm)

**Door thickness:** 1\(\frac{1}{2}\)“-3\(\frac{1}{16}\)” (40mm-100mm)

**Max. swing door width:** 4’ (1200mm)

APPLICATIONS

Multidirectional Flexirol is ideally suited to hotels, conference centers, shop-fronts, showrooms, any site that requires high performance and the flexibility of 135° movement.

DOOR TYPES

Heavy commercial wood and aluminum doors.

TECHNICAL INFORMATION

**Track:** 550A (extruded aluminum)

**Intersects:**
- 135° right-hand 45R/550
- 135° left-hand 45L/550

**Elbows:**
- 135° swept elbow 550A135
- 90° swept elbow 550ASWEP'T

**Brackets:**
- Face fix 1A/550
- Soffit fix 3S/550

**Hangers:**
- Angle plate fixing 556/21
- Concealed fixing 556/61

**Pivots:**
- Pivot set 21/550P

**Accessories:**
- Track stop HH3/301
- Flush pull 400
- Flush bolts 333/454
- Narrow flush bolt and keep F3715 and F3734

135° Configurations

**Door Rebates**

**Example Rebated Doors**

Narrow flush bolt and keep F3715 and F3734

System A

System B

System C

System D

System E

Guide

Screw

Grub

Track Hanger Guide 552H/135

Track Hanger Guide 551H/45

Track Hanger Guide 551H/135

Swing Door Needs Radius

Swing Direction

Door Needs Radius
FLEXIROL 135°
MULTIDIRECTIONAL
SYSTEM FOR GLASS DOORS

- Track 550
- Hanger S56
- Lock Nut M16 x 4
- Grub Screw
- Mounting Block FRR04
- 2mm (1/16") Gasket
- 2mm (1/16") Gasket
- 1 1/4" (32)
- 1 1/4" (32)
- 3/4" + 1/2" (10mm + 12mm)

- Glass Panel Without Cuttings
- Glass Height is the Opening Height less 240mm:
  9 7/16" (239.7)

- Top Pivot P117
- Insert AC118
- Pivot P117 (21/550GP)
- Track 550A
- End Cap FRE12
- Glass Profile FRP02
- Brush Profile GP10 or GP12
- Space between Endcap and Wall 1/4"
- End Cap FRE13
- Glass Clamp Profile
- Brush Profile with Mohair GP10 or GP12
- Space between Endcaps 1/4"

- 3/16" (4.4)
- 3/16" (4.4)
- 3/16" (4.4)
- 3/16" (4.4)
- 3/16" (4.4)

- Plastic Filling Piece
- 2 Part Glass Clamp FRP02
- Plastic Filling Piece
- 2 Part Glass Clamp (Only 1st and Last Sliding Panel)

- Foot Operated Lock (Pin Version)
- Lock Keep VS15
- Brush 1/4" (6.4)

- Bottom Pivot AC246 (21/550GP)
- Adjustable in Height

- Bottom Glass Clamp
- Foot Operated Lock (Pin Version)
- Glass Profile FRP02
- End Cap FRE13
- Insert - AC115 FLI (21/550GP)
- Adjustable in Height
CAPACITY

Max. door weight: 1100 lbs. (500kg) (2 hangers per leaf)
550 lbs. (250kg) (1 hanger per leaf)

Max. door height: 9’2”-3/8” (2800mm-10mm) tempered glass
13’1”-1/2” (4000mm-12mm) tempered glass

Max. door width: 4’3”-3/8” (1300mm-10mm) tempered glass
4’3”-1/2” (1300mm-12mm) tempered glass

Door thickness: 3/8” (10mm) or 1/2” (12 mm) - tempered glass

Max. swing door width: 4’ (1200mm)

APPLICATIONS

Multidirectional Flexirol is ideally suited to hotels, conference centers, shop-fronts, showrooms, any site that requires high performance and the flexibility of 135° movement.

DOOR TYPES

Tempered glass panels of 3/8” (10mm) or 1/2” (12mm) thickness. Use of laminated glass panels is also possible.

Note: When using glass clamps in combination with protective coatings for glass surfaces such as Clear Shield, ensure that the glass surface to be clamped is not treated with the Clear Shield coating.

TECHNICAL INFORMATION

Track: 550A (extruded aluminum)
Brackets: Face fix 1A/550
Soffit fix 3S/550
Glass Profiles: Top/bottom glass profile FRP02
Pivots: Glass pivot set 21/550GP
Accessories: Track stop HH3/301

GLASS WEIGHT

3/8” glass 5.05 lbs./sq. ft.
1/2” glass 6.4 lbs./sq. ft.
Hinge Installation

Standard Fixing to Post (Flush) Hinge 65B/20

Door Just Folding

Rubber Sealing not by PCH

Cram Plate

Distance from the edge of the door leaf to the centre of the hinge

Hinges Components
FLEXIROL 556 JUNCTIONS/INTERSECTS

(Top Views)

FLEXIROL 555 JUNCTIONS/INTERSECTS

H90/550

TW/550

Pacer track supplied in mill finish as standard. Flexirol track supplied in mill finish and RAL 9010 as standard.
### PACER HANGERS

#### 56B

- 56B
- 56BX
- 56½B
- 57B

#### 61B

- 61B
- 61B/4

#### 21B

- 21B
- 21B/4
- 21B0/4

**Flexirol 1A/550**

- 100 (3½")
- 80 (3¼")
- Bolt Not Supplied by PCH

**Flexirol 3S/550**

- 100 (3½")
- Bolt Not Supplied by PCH

**Husky**

- Face Fix Bracket 281
HANGERS

PACER HANGERS

PACER MULTIDIRECTIONAL HANGERS

FLEXIROL HANGERS (135° movement)
FLEXIROL HANGERS (90° movement)

PIVOT SETS
Loose Bolt
EF09

† Standard hinge finishes: White (RAL 9010), Polished Anodized, Silver Anodized and Black Anodized.

For glass cutting dimensions contact Henderson.