APPLICATION

- For residential and commercial folding partitions where weatherproofing to the head and sill of the opening may be required.
- To accommodate different building designs leaves can fold to one or both sides of the opening and can be stacked behind a reveal if required.
- To cover any width of opening, any number of folding units can be used.
- Where doors are fitted externally, a canopy is recommended.

DOOR SPECIFICATION

290

For individual leaves:
Max Leaf Height 2400mm
Max Leaf Weight 35 kg
Max Leaf Width 900mm
Door Thickness 35-50mm

Folding units of up to eight leaves can be hinged to post or free-floating. A swinging access door can be included within a unit hinged to post incorporating an odd number of leaves. Alternatively, an access door can be independently hinged to post.

Floating units should always consist of an even number of leaves in units of four, six or eight.

Clearance between leaves to be 2mm minimum.

Door leaves should be constructed to provide secure fixing for hanger, hinges and guides and can either be flush, panelled or glazed.

GEAR SPECIFICATION

Track:
290 (2mm thickness)
Material: galvanised steel
Standard Lengths: 1800mm, 2000mm, 2500mm, 3000mm, 4000mm and 6000mm

Brackets:
face fixing 1A/290 aluminium alloy pressure die casting
soffit fixing 3A/290 aluminium alloy pressure die casting
Brackets for special applications are available (see overleaf).
Fix at 900mm centres (maximum).
Fix additional bracket where folding units stack.

Hangers:
Intermediate hangers: 62K
End hanger: 63K
Hangers are fitted with steel wheels on sintered bush bearings.
Vertical adjustment is simple and positive.

Guides:
Intermediate guide: 67/89
End guide: 68/89

Hinges:
Back-flap 65 aluminium alloy
Fit three hinges.

All steel parts to hangers, guides and hinges are electro-zinc plated.

Channel:
89 galvanised steel
Standard lengths correspond with standard track lengths. Pre-drilled for lugging into concrete and fitting with drainage funnel.

Accessories:
Bow Handles, Flush Pulls, Bolts and Locks.
APPLICATION

- For residential and commercial folding partitions where weatherproofing to the head and sill of the opening may be required.
- All visible Tangent Folding Deluxe fittings are buffed to a satin finish and lacquered.
- To accommodate different building designs door leaves can fold to one or both sides of the opening and can be stacked behind a reveal if required.
- To cover any width of opening, any number of folding units can be used.
- Where doors are fitted externally, a canopy is recommended.

DOOR SPECIFICATION

290
For individual leaves:
Max Leaf Height 2400mm
Max Leaf Weight 35 kg
Max Leaf Width 900mm
Door Thickness 35-50mm

Folding units of up to eight leaves can be hinged to post or free-floating. A swinging access door can be included within a unit hinged to post incorporating an odd number of leaves. Alternatively, an access door can be independently hinged to post.

Floating units should always consist of an even number of leaves in units of four, six or eight.

Clearance between leaves to be 2mm minimum.

Door leaves should be constructed to provide secure fixing for hanger, hinges and guides and can either be flush, panelled or glazed.

GEAR SPECIFICATION

Track:
290 (2mm thickness)
Material: galvanised steel
Standard Lengths: 1800mm, 2000mm, 2500mm, 3000mm, 4000mm and 6000mm

Brackets:-
face fixing 1A/290 aluminium alloy pressure die casting
soffit fixing 3A/290 aluminium alloy pressure die casting

Brackets for special applications are available (see overleaf).
Fix at 900mm centres (maximum).
Fix additional bracket where folding units stack.

Hangers:-
Intermediate hangers: 62K/P
End hanger: 63K/P
Aluminium hinge parts are buffed to a satin finish and lacquered.
Hangers are fitted with steel wheels on sintered bush bearings.
Vertical adjustment is simple and positive.

Guides:-
Intermediate guide: 67/94P
End guide: 68/94P
Aluminium hinge parts are buffed to a satin finish and lacquered.

Hinges:-
403/3 butt hinge
403/2 butt hinge
Fit three hinges high.

All steel parts to hangers and guides are electro-zinc plated.

Channel:
94X aluminium
94 brass
Standard lengths of aluminium channel correspond with standard track lengths, standard lengths of brass channel are 1500mm and 3000mm. Pre-drilled and countersunk for wood or lugged into concrete.

APPLICATION

- For residential and commercial folding partitions where weatherproofing to the head and sill of the opening may be required.
- To accommodate different building designs leaves can fold to one or both sides of the opening and can be stacked behind a reveal if required.
- To cover any width of opening, any number of folding units can be used.
- Where doors are fitted externally, a canopy is recommended.

DOOR SPECIFICATION

<table>
<thead>
<tr>
<th>301</th>
<th>301H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Leaf Height</td>
<td>3300mm</td>
</tr>
<tr>
<td>Max Leaf Weight</td>
<td>55 kg</td>
</tr>
<tr>
<td>Max Leaf Width</td>
<td>900mm</td>
</tr>
<tr>
<td>Door Thickness</td>
<td>45-55mm</td>
</tr>
</tbody>
</table>

Folding units of up to eight leaves can be hinged to post or free-floating. A swinging access door can be included within a unit hinged to post under 3000mm high by incorporating an odd number of leaves. On openings above 3000mm high, units should consist of an even number of leaves and access doors should either be a separate independent swing door or a wicket door in one of the folding leaves.

Floating units should always consist of an even number of leaves in units of four, six or eight.

Clearance between leaves to be 2mm minimum.

Door leaves should be constructed to provide secure fixing for hanger, hinges and guides and can either be flush, panelled or glazed.

GEAR SPECIFICATION

Track: 301 (2mm thickness) or 301H (3mm thickness)
Material: galvanised steel
Standard Lengths: 1800mm, 2000mm, 2500mm, 3000mm, 4000mm and 6000mm

<table>
<thead>
<tr>
<th>Brackets:</th>
<th>face fixing</th>
<th>1A/301 aluminium alloy pressure die casting</th>
</tr>
</thead>
<tbody>
<tr>
<td>soffit fixing</td>
<td>3A/301 aluminium alloy pressure die casting</td>
<td></td>
</tr>
</tbody>
</table>

Brackets for special applications are available (see overleaf). Fix at 900mm centres (maximum). Fix additional bracket where folding units stack.

Hangers:
- Intermediate hanger: 62A
- End hanger: 63A
Hangers are fitted with steel wheels on maintenance free sealed for life precision ball bearings. Vertical adjustment is simple and positive.

Guides:
- Intermediate guide: 67/97
- End guide: 68/97

Hinges:
- Back-flap: 65 aluminium alloy
  - On leaves up to 3300mm high fit 3 hinges, leaves above 3300mm fit 4 hinges.

All steel parts to hangers, guides and hinges are electro-zinc plated.

Channel: 97 galvanised steel
Standard lengths correspond with standard track lengths. Pre-drilled for lugging into concrete and fitting with drainage funnel.

Accessories: Bow Handles, Flush Pulls, Flush Bolts and Locks.
APPLICATION

- For residential and commercial folding partitions where weatherproofing to the head and sill of the opening may be required.
- All visible Tangent Folding Deluxe fittings are buffed to a satin finish and lacquered.
- To accommodate different building designs leaves can fold to one or both sides of the opening and can be stacked behind a reveal if required.
- To cover any width of opening, any number of folding units can be used.
- Where doors are fitted externally, a canopy is recommended.

DOOR SPECIFICATION

<table>
<thead>
<tr>
<th>301</th>
<th>301H</th>
</tr>
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<tbody>
<tr>
<td>Max Leaf Height</td>
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<td>Max Leaf Width</td>
<td>900mm</td>
</tr>
<tr>
<td>Door Thickness</td>
<td>45-55mm</td>
</tr>
</tbody>
</table>

Folding units of up to eight leaves can be hinged to post or free-floating. A swinging access door can be included within a unit hinged to post under 3000mm high by incorporating an odd number of leaves. On openings above 3000mm high, units should consist of an even number of leaves and access doors should either be a separate independent swing door or a wicket door in one of the folding leaves.

Floating units should always consist of an even number of leaves in units of four, six or eight.

Clearance between leaves to be 2mm minimum.

Door leaves should be constructed to provide secure fixing for hanger, hinges and guides and can either be flush, panelled or glazed.

GEAR SPECIFICATION

Track: 301 (2mm thickness) or 301H (3mm thickness)
Material: galvanised steel
Standard Lengths: 1800mm, 2000mm, 2500mm, 3000mm, 4000mm and 6000mm

Brackets:
- face fixing: 1A/301 aluminium alloy pressure die casting
- soffit fixing: 3A/301 aluminium alloy pressure die casting

Brackets for special applications are available (see overleaf).
Fix at 900mm centres (maximum).
Fix additional bracket where folding units stack.

Hangers:
- Intermediate hangers: 62A/P
- End hanger: 63A/P

Aluminium hinge parts are buffed to a satin finish and lacquered.
Hangers are fitted with steel wheels on maintenance free sealed for life precision ball bearings.
Vertical adjustment is simple and positive.

Guides:
- Intermediate guide: 67/94P
- End guide: 68/94P

Aluminium hinge parts are buffed to a satin finish and lacquered.

Hinges:
- 403/3 butt hinge
- 403/2 butt hinge

On leaves up to 3300mm high fit 3 hinges, leaves above 3300mm fit 4 hinges.

All steel parts to hangers and guides are electro-zinc plated.

Channel:
- 94X aluminium
- 94 brass

Standard lengths of aluminium channel correspond with standard track lengths, standard lengths of brass channel are 1500mm and 3000mm. Pre-drilled and countersunk for wood or lagging into concrete.

APPLICATION

- For heavy duty industrial folding doors where weatherproofing to the head and sill of the opening may be required.
- To accommodate different building designs leaves can fold to one or both sides of the opening and can be stacked behind a reveal if required.
- To cover any width of opening any number of folding units can be used.
- Where doors are fitted externally, a canopy is recommended.

DOOR SPECIFICATION

For individual doors:
- Max Door Height: 4500mm
- Max Door Weight: 80 kg
- Max Leaf Width: 900mm
- Door Thickness: 45-55mm

Folding units of two, four, six or eight leaves can be hinged to post. Access doors should either be a separate independent swing door hinged to post or a wicket door in one of the folding leaves.

Floating units should always consist of an even number of leaves in units of four, six or eight.

Clearance between leaves to be 2mm minimum.

Door leaves should be constructed to provide secure fixing for hangers, hinges and guides and can either be flush, panelled or glazed.

GEAR SPECIFICATION

- **Track:**
  - Material: galvanised steel
  - Standard lengths: 1800mm, 2000mm, 2500mm, 3000mm, 4000mm and 6000mm.

- **Brackets:**
  - Face fixing: 1A/305 aluminium alloy pressure die casting
  - Soffit fixing: 3A/305 aluminium alloy pressure die casting

Brackets for special applications are available (see overleaf).

Fix at every 900mm centres (maximum) reducing to 600mm for heavier doors.

Fix additional bracket where folding units stack.

- **Hangers:**
  - Intermediate hanger: 62C
  - End hanger: 63C
  - Hangers are fitted with steel wheels on maintenance free sealed for life precision ball bearings.
  - Vertical adjustment is simple and positive.

- **Guides:**
  - Intermediate guide: 67C/97
  - End guide: 68C/97

- **Hinges:**
  - Back-flap: 65C
  - On leaves up to 3300mm high fit 3 hinges, leaves above 3300mm fit 4 hinges.

All steel parts to hangers, guides and hinges electro-zinc plated.

- **Channel:**
  - 97 galvanised steel
  - Standard lengths correspond with standard track lengths. Pre-drilled for lagging into concrete and fitting with drainage funnel.

- **Accessories:** Bow handles, Flush Pulls, Flush Bolts and Locks.