APPLICATION

- Suitable for residential and commercial folding partitions.
- Leaves can fold to one or both sides of the opening.
- Pivot gear enables a folding internal partition to be designed with standard width door leaves and no cutting down of the leaf adjacent to post.
- To cover any width of opening, any number of folding units can be used.

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>Leaf Thickness</td>
<td>44-57mm</td>
</tr>
</tbody>
</table>

The folding unit is not hinged to post, but is pivoted in the track and off the floor. The distance from the edge of the leaf to the pivot set equals the distance from the edge of the leaf to the hanger pendant.

Folding units of up to eight leaves can be pivoted, floating units consist of four, six or eight leaves.

A swinging access door can be included within a pivoted unit 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.

Clearance between leaves to be 2mm minimum.

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

GEAR SPECIFICATION

- Track: 301 (2mm thickness) 301H (3mm thickness)
- Material: galvanised steel
- Standard lengths: 1800mm, 2000mm, 2500mm, 3000mm, 4000mm and 6000mm.
- Brackets:
  - soffit fixing 3A/301 aluminium alloy pressure die casting
  - face fixing 1A/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:
  - 21A/5 intermediate and end leaves
  - 21A/4S adjacent to swinging access door
- Hangers are fitted with steel wheels on maintenance free sealed for life precision ball bearings. Vertical adjustment is simple and positive.
- Pivot set:
  - 21A/P top and bottom pivots
- Guides:
  - 21R/94
- Hinges:
  - 403/2 butt hinge
- On leaves up to 3000mm high fit 3 hinges, above 3000mm 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 lugging into concrete.