NAILON PLATES

On-site splicing of trusses

USE STAINLESS STEEL OPTION IN EXTERIOR SITUATIONS

Truss to Pole Fixing

12kN Brace Pile Connection

Folded Nailon Cleats

Full strength joint splice

High tension load fixing

AVAILABLE FROM LEADING BUILDERS SUPPLY MERCHANTS THROUGHOUT NEW ZEALAND

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Availability
As many Nailon products are not stock items, a lead time is sometimes required when ordering. Flat Nailon Plate can be cut to any length, in multiples of 40mm, or in coil form. All folded and special Nailon products are made to order. Order your Nailon requirements through your local LUMBERLOK merchant. Orders directed to us will be charged via your local merchant.

Order to Specify
1. LUMBERLOK Nailon Plate - thickness, width and length in 40mm increments. (min. 80mm length)
2. Special requirements, preferably accompanied by a sketch.
3. Quantity.
4. Nail quantity required.
Note: Made to order items are non-returnable.

Nailon Plate Dimensions
Nailon is manufactured from steel coil and is available in 1mm, 2mm and 3mm nominal thicknesses of widths shown. LUMBERLOK Nailon is a very versatile steel plate with many applications in timber construction, providing a very strong jointing system. Nailon is easily applied by filling the pre-punched holes with LUMBERLOK Product Nails 30mm x 3.15mm dia.
Flat Nailon Plate can be used for splicing trusses and beams, or as a moment joint when a pair of plates are used. 3mm Nailon can also be welded to form special brackets supporting portal frames, trusses, etc.

Specification
1mm x 110mm wide - 0.91mm G300 Z275 Galvanised Steel
1mm x 110mm wide - 0.9mm Stainless Steel 304-2B
2mm x 113mm wide - 1.55mm G300 Z275 Galvanised Steel
2mm x 150mm wide - 1.55mm G300 Z275 Galvanised Steel
3mm x 130mm wide - 3.0mm NZCC-SD Ungalvanised Black Steel
3mm x 240mm wide - 3.0mm NZCC-SD Ungalvanised Black Steel

<table>
<thead>
<tr>
<th>Characteristic Load (Plate)</th>
<th>Tension</th>
<th>Shear</th>
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</thead>
<tbody>
<tr>
<td>1mm Plate Zinc</td>
<td>200 N/mm per plate</td>
<td>140 N/mm per plate</td>
</tr>
<tr>
<td>1mm Plate Stainless Steel</td>
<td>140 N/mm per plate</td>
<td>110 N/mm per plate</td>
</tr>
<tr>
<td>2mm Plate</td>
<td>340 N/mm per plate</td>
<td>240 N/mm per plate</td>
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<tr>
<td>3mm Plate</td>
<td>570 N/mm per plate</td>
<td>360 N/mm per plate</td>
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110mm wide – 8 nails OR 3 screws per 40mm plate length
113mm wide – 8 nails OR 3 screws per 40mm plate length
130mm wide – 10 nails OR 3 screws per 40mm plate length
150mm wide – 11 nails OR 4 screws per 40mm plate length
240mm wide – 19 nails OR 5 screws per 40mm plate length