On-site splicing of trusses

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

USE STAINLESS STEEL OPTION IN EXTERIOR SITUATIONS
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
1.0mm x 110mm mild steel 0.91mm G300 Z275 Galvanised Steel
2.0mm x 113mm or 150mm mild steel 1.55mm G300 Z275 Galvanised Steel
3.0mm x 130mm or 240mm mild steel NZCC-SD ungalvanised
1.0mm and 2.0mm Nailon is zinc coated prior to punching. 3.0mm Nailon is generally supplied ungalvanised, however all Nailon is available hot dipped galvanised on request.
Nailon is available in 0.9mm x 110mm Stainless Steel 304-2B.

Nails
1.0mm x 110mm and 2.0mm x 113mm Nailon, 20 nails per 100mm plate length.
2.0mm x 150mm Nailon, 28 nails per 100mm plate length.
3.0mm Nailon 130mm wide, 25 nails per 100mm plate length.
3.0mm Nailon 240mm wide, 47 nails per 100mm plate length.
Stainless Steel nails are also available.

Loadings
<table>
<thead>
<tr>
<th>Nail Load</th>
<th>Characteristic Load</th>
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</thead>
<tbody>
<tr>
<td>30mm x 3.15 dia.</td>
<td>1.0kN/Nail</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Plate Load</th>
<th>Characteristic Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>1mm Plate Tension Shear</td>
<td>210N/mm per plate 157N/mm per plate</td>
</tr>
<tr>
<td>2mm Plate Tension Shear</td>
<td>367N/mm per plate 270N/mm per plate</td>
</tr>
<tr>
<td>3mm Plate Tension Shear</td>
<td>425N/mm per plate 283N/mm per plate</td>
</tr>
</tbody>
</table>

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.