STEEL STRUCTURES

Lae Branch
PO Box 1437 Lae
Morobe Province 411
Papua New Guinea
Phone: (675) 472 1104
Fax: (675) 472 0639
Email: Sales.Lae@AtlasSteelPNG.com.pg

Port Moresby Branch
PO Box 7079 Boroko
NCD 111
Papua New Guinea
Phone: (675) 321 1233
Fax: (675) 321 1053
Email: Sales.Pom@AtlasSteelPNG.com.pg
As every day more and more people are deciding that for all kinds of construction, steel is the best in PNG, Atlas Steel PNG is using the best equipment available in the world (brought in from Europe) to produce steel framing systems to your exact order for your construction project. We can provide extensive technical support in planning your steel needs.

All steel house building components are produced using “state of the art” roll forming machines. Coils of steel are formed into bearers/floor joists, structural columns, SFS wall framing, and all of the elements required to easily fabricate steel structures. These same items are combined to build residential houses, administration buildings, classrooms, medical centres, dormitories and steel sheds.

Coloured steel is also roll formed into the familiar Custom Orb or Trimdek roofing profiles using the same precision fabrication technology. Narrower coloured steel rolls are also formed into fascia, gutter, flashings and weatherboard cladding.

This new roll forming technology allows Atlas Steel PNG to provide steel products of the highest standard in minimal lead times. Modern factory facilities allow production of several house lots of steel components each day.

Atlas Steel PNG have identical production facilities in Port Moresby and Lae. This provides you with continuity of product and short lead times.
All structural elements of steel house buildings are designed to exceed performance requirements, to provide a long product life and to have little or no ongoing maintenance requirement and associated cost.

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>BENEFIT</th>
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<tbody>
<tr>
<td>Engineer Approved Structure</td>
<td>All building designs are approved and certified by qualified engineers ensuring that the buildings will meet and exceed the requirements of the areas in which they are to be constructed.</td>
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<tr>
<td>Galvanised Steel Stumps</td>
<td>Galvanised steel stumps will not rot, warp or twist</td>
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<tr>
<td>Full Steel Bearer and Joist Floor</td>
<td>The steel bearer and joist flooring system will not rot, warp, burn, attract termites and requires no maintenance.</td>
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<tr>
<td>18mm CFC Compressed fibro cement sheeting. Ideal for either sheet vinyl or ceramic tiles</td>
<td>Is used throughout the house and is ideal for wet areas. The product will not rot, warp or burn.</td>
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<tr>
<td>Steel Wall Frames and Trusses</td>
<td>Steel wall frames and trusses will not rot, warp, burn or attract termites. There is no on-going maintenance with steel frames.</td>
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<td>Machine pre-punched service holes for electrical, plumbing etc</td>
<td></td>
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<tr>
<td>Coloured Roofing</td>
<td>Coloured roofing is widely used throughout the Pacific. The product is resistant to chipping, cracking and peeling and provides excellent value over a long life.</td>
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<tr>
<td>Panelrib Profile</td>
<td>Can be used in either ceilings or walls. Requires no painting or on-going maintenance.</td>
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<tr>
<td>Coloured Steel Weatherboard Wall Cladding</td>
<td>Coloured steel weatherboard wall cladding has the same high product performance as roofing. It provides an excellent quality, weatherproof wall cladding solution and requires no painting or on-going maintenance.</td>
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<tr>
<td>Louvre Frames</td>
<td>Clear anodized aluminium window frames as standard. Easy to install and do not require painting or on-going maintenance.</td>
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Projects

Houses

Classrooms

Sheds

Shed Sizes in
- 12.0M x 36.0M
- 15.0M x 36.0M
- 18.0M x 36.0M
- 21.0M x 36.0M
- 24.0M x 36.0M

Full Service Available
Components

- Pre-cut easy to assemble galvanised roof trusses
- Coloured steel weatherboard pre-cut to size
- Pre-cut aluzinc noggings and bracings
- Pre-cut, pre-drilled and easy to assemble aluzinc framing system
- Galvanised house stumps cut to specification
- Galvanised roof and ceiling battens
- Pre-cut aluzinc noggings and bracings
- Steel angle iron bracing
- Pre-cut galvanised floor joists and bearers
- Pre-punched service holes for water and electricity, etc
- Pre-cut galvanised lintels
- Coloured roof gutter, ridge capping, fascia and barge boards