**PRODUCT TECHNICAL STATEMENT**

**PANELDEK**

**Profiled Metal Roofing and Cladding**

**DESCRIPTION**

Paneldek is a clip fastened trough section or decking profile.

**APPLICATIONS**

- Residential Roofing and Cladding
- Industrial/Commercial Roofing and Cladding
- Canopies

**FEATURES**

Paneldek is a traditional trough section roofing profile. It features a unique hinge locking action that gives great stability to the side lap while protecting the outside edge from visual exposure and the weather.

**OPTIONS**

Clear sheeting is available in profiled G.R.P. (fibreglass) to match.

**MATERIALS**

Available in metallic coated and pre-painted steel in .55mm B.M.T. (base metal thickness) aluminium plain and prepainted in .70mm, and other non-ferrous metals.

**FASTENERS**

Paneldek is fastened with a galvanised steel bracket, attached to each support member with two 10g x 45mm wafer head Timberfix screws, or two 10g x 25mm wafer head Steelfix screws to steel.

**DURABILITY**

All material selections must be compatible with prevailing environmental conditions and adjacent materials, see Roofing Solutions Product Guide or Specifiers Guide for details. Areas not exposed to rain washing will require programmed maintenance.

**WARRANTY PLUS**

Steel & Tube WarrantyPlus is the most comprehensive warranty available in the industry. WarrantyPlus covers an extended range of performance criteria, is supported back-to-back by our suppliers, includes site-specific maintenance requirements and is transferable to subsequent owners.
PERFORMANCE DATA

MASS (KG/M²)

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Controlled Traffic</th>
<th>Heavy Traffic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Internal</td>
<td>End</td>
</tr>
<tr>
<td>.55mm</td>
<td>Span</td>
<td>Load</td>
</tr>
<tr>
<td>.55mm</td>
<td>2000</td>
<td>2.00 kPa</td>
</tr>
</tbody>
</table>

Loads are Ultimate Limit State loads in Kilopascals.

MINIMUM PITCH

In accordance with Acceptable Solution E2, the minimum pitch for Paneldek for roofing dwellings is 3°. Roof runs in excess of 60 metres should be checked for water runoff capacity.

SPECIFICATIONS

Recommended specifications are available in the branded sections of MasterSpec BASIC or MasterSpec STANDARD, or from your local Steel & Tube branch or visit our website.

DESIGN DETAILS

Design details covering many applications are available on our website in CAD and PDF under each product section. Visit www.steelandtube.co.nz.

IMPORTANT PUBLICATIONS

For your installation to perform to its potential, it is essential that it is designed, installed and maintained in accordance with good trade practice. Please refer to:

- Steel & Tube: Roofing Solutions Product Guide
- New Zealand Steel: Installation Guide
- New Zealand Steel: Builders and Specifiers Guide
- BRANZ: Good Profiled Metal Roofing Practice
- MRM: New Zealand Metal Roofing and Wall Cladding Code of Practice
- E2/AS1

INSTALLERS

A list of local installers for your area and contract type is available from your local Steel & Tube branch or visit www.steelandtube.co.nz.

Note:
Trademarks apply to the following products presented in this publication: Paneldek, MasterSpec BASIC and MasterSpec STANDARD.