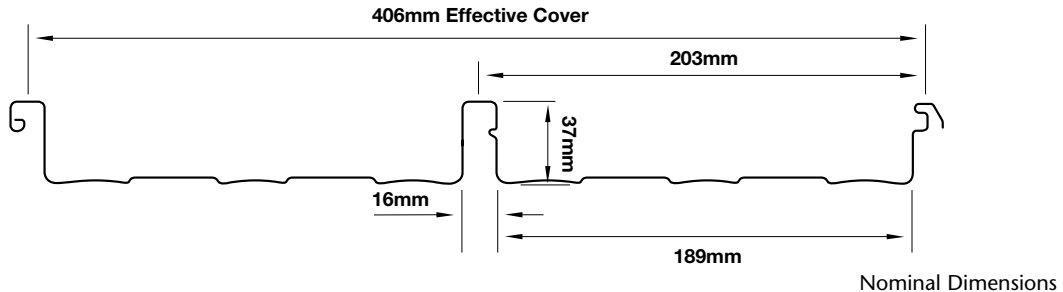


PANELDEK



Introduction

Paneldek is a clip fastened trough section or decking profile.

Applications



Industrial/
Commercial
Roofing &
Cladding



Canopies



Residential
Roofing &
Cladding

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 pre-painted in .70mm, and other non-ferrous metals.

Fasteners

Paneldek is fastened with a galvanised steel bracket, attached to each support member with two 40 mm twisted shank nails to timber, or two 10g x 25mm wafer head Steelfix screws.

Durability

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

Warranty *Plus*

Steel & Tube Warranty *Plus* is the most comprehensive warranty available in the industry. Warranty *Plus* 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.

Mass

Thickness	Mass
.55mm B.M.T.	6.50 Kg/m ²

PANELDEK

Performance Data

Gauge	Controlled Traffic			
	Internal		End	
	Span	Load	Span	Load
.55mm	2000	2.00 kPa	1400	2.00 kPa

Gauge	Heavy Traffic			
	Internal		End	
	Span	Load	Span	Load
.55mm	1.500	2.47 kPa	1000	2.47 kPa

Loads are Ultimate State Limit loads in Kilopascals. Edge conditions in Very High Wind Zones (NZS 3604) equate to 2.44kPa.

Minimum Pitch

In accordance with Acceptable Solution E2, the minimum pitch for Paneldek for roofing dwellings is 3°. Lesser-pitched designs are subject to Specific Design criteria. Roof runs in excess of 60 metres should be checked for water runoff capacity.

Installers

A list of Approved Installers for your area and contract type is available from your local Steel & Tube Roofing Products' sales office.

Specifications

Recommended specifications are available in the branded sections of MasterSpec® BASIC or MasterSpec® STANDARD, or from your local Steel & Tube Roofing Products sales office.

Design Details

Design details covering many applications are available in CAD or hard copy.

Important

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 Products: Product Guide*
- *New Zealand Steel: Installation Guide*
- *New Zealand Steel: Builders and Specifiers Guide*
- *BRANZ: Good Profiled Metal Roofing Practice*

Technical Helpline: 0800 333 247 **Website: www.stroofing.co.nz** **Email: info@stroofing.co.nz**
Specification templates available on masterspec 09 631 7044

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