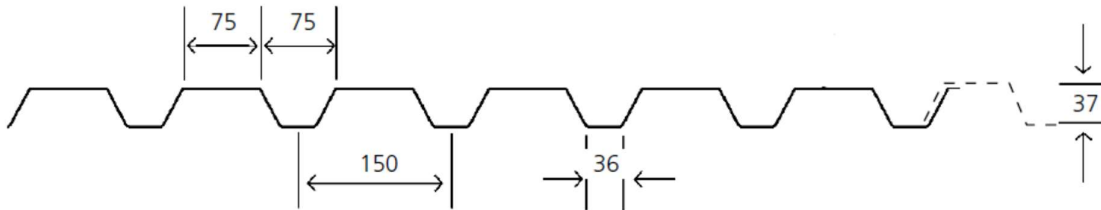


# TECHNICAL DATA SHEET

## DESCRIPTION

The NPM 900 profile metal tray deck has been developed by Dimond to provide excellent support for Nuralite's Nuratherm Insulated roof system.

## TECHNICAL SPECIFICATIONS



Cover width 900mm, sheet width 960mm. Manufactured to site specific lengths.

Technical Specifications	Unit of Measurement	Nominal Value
Nominal weight	0.55 BMT	5.55kg/m
	0.75 BMT	7.47kg/m
Span - End	0.55 BMT	2,300mm
	0.75 BMT	2,700mm
Span - Internal	0.55 BMT	3,400mm
	0.75 BMT	4,000mm

**Note:** Please consult with a Nuralite technical advisor if greater spans are required or if non-standard loads, such as a green roof, are anticipated.

## AREA OF USE

The NPM 900 has wide ridges to provide a stable substrate upon which the Enertherm PIR Insulation boards are fastened to. The NPM 900 substrate is fastened to the supporting structure using screw fixings placed in the pan to further ensure a smooth deck surface.

## SEPERATION

Isolate dissimilar materials in close proximity as necessary by painting the surfaces or fitting separator strips of compatible or inert materials. Place isolators between metals and treated timber, cement-based materials, and mixing aluminium sheet and steel mesh. Do not use unpainted lead sheet or copper in contact with or allow water run-off onto galvanized or aluminium/zinc coated steel.

Separate metal sheeting from CCA treated timber with bitumen tape.

## SET OUT

Carefully set out with consideration of the position of sheets relative to building perimeter. Ensure all sheets are square and oversailing the gutter true to line. Check during fixing to eliminate creep or spread and string lines along purlin centres to keep fastenings in line.

Sheets are to be run with the fall.

## END LAPS

End laps should be avoided, except where specifically detailed.

## FIX SHEETS

Fix sheets in place using TEK-12-14 X 20MM for steel, pan fixing. Ordinarily the fixing should be inside every trough so that 6 fixings are installed across each sheet on each support.

## HANDLING

Avoid distortion and contact with damaging substances, including cement. Do not drag sheets across each other and other materials. Protect edges and surface finishes from damage. Use soft, flat sole shoes when fixing and for all other work on the roof.

## STORAGE

Take delivery of and accept packs of roofing undamaged on delivery. Reject all damaged material. Store on a level firm base with packs well ventilated and completely protected from weather and damage. Do not allow moisture to build up between sheets. If sheet packs become wet, fillet or cross stack to allow air movement between sheets.

## TRANSPORT CLASSIFICATION

N/A

*The information in this product data sheet is based on our experience and testing. It represents the latest information available at the time of printing, but no guarantee of its accuracy is made or implied, nor responsibility taken for use to which this information may be put. We reserve the right to alter or up-date information parameters and formulations at any time without notice.*