

# 15 Project Profile

Project:  
*Woolworths Shopping  
Village Tahmoor NSW*

Electrical Contractor:  
*Kevin R. Sheather*

## Powers Vertigo Hangs Cable Tray

Suspended services from thin structural steel roof purlins are often a concern, particularly when heavier load suspensions are required such as cable tray, pipe work or ductwork.

Suspended systems from the “lip of the purlin” such as spring steel purlin clips or bracket clamps can cause the purlin to distort in shape and warranties given by the purlin manufacturers are often compromised as a result.

When NSW electrical contractor giant Kevin R. Sheather came up against this very issue on their Woolworths Project at Tahmoor they called in Powers Fasteners, who provided yet another fast, cost effective problem solving fixing system that could not be matched from any other competitors offering.

The one piece side hanging Vertigo system is made through the side (web) of the purlin and ensures that the hanging tension load is transferred through the web and not onto the purlin lip.

The 10mm internal thread easily accommodates the matching diameter threaded rod and was used to support 450mm and 600mm cable tray.

Vertigo is installed with a setting tool that fits into a cordless screw gun with a unique “spin off feature” that ensures over torque and stripping of the screw in the thin purlin (1.25mm) is prevented.

**Product used:**  
28100 Vertigo  
1/4” – 20 x 25 SD3

For the full range – download the Vertigo catalogue in the Powers Technical Literature section of the Powers website: [www.powers.com.au](http://www.powers.com.au)

