

Australian Rollforming manufactures a range of standard and custom formed steel Void Panels that are fitted over the concrete beams used in bridge construction. The main function of the panels is to block off the void or trough in the beam when the concrete road slab is poured.

Australian Rollforming's Void Panels provide a number of significant advantages & are a very attractive & cost effective alternative to the traditional void covers manufactured from wood based materials.

Pre-Cut to Exact Void Width

Australian Rollforming Void Panels are pre-cut to the exact void or trough width in accordance with all Australian National & State Road Authorities Bridge Designs, therefore eliminating the need for any further cutting during installation.



Being precision pre-cut ensures an exact fit over the void which also results in quicker & less costly installation & eliminates any further material wastage that is usually encountered with timber based panels that are cut to length during the installation process.



Quicker, Easier & Safer to Install

The installation of Australian Rollforming Void Panels is comparatively quick & easy - they are simply glued or nailed into the recess provided in the concrete beam, & this is made even easier since it can be done while the concrete beam is still in the mould & the scaffolding in place.

Minimise Wastage

Australian Rollforming Void Panels maintain their shape & integrity when exposed to all climatic conditions, & unlike wood based panels they do not swell or break when they become wet & are not subject to shrinkage - both of which result in increased wastage levels & therefore increased costs.

More Cost Effective

Because Australian Rollforming Void Panels are quicker & easier to install requiring less materials & labour, their installation costs are also significantly less than that of alternative wood based panels.

Eliminates a Significant Health Risk

Wood based void panels manufactured from MDF usually need to be cut to size prior to installation & this process gives off a toxic dust which poses a significant health risk.

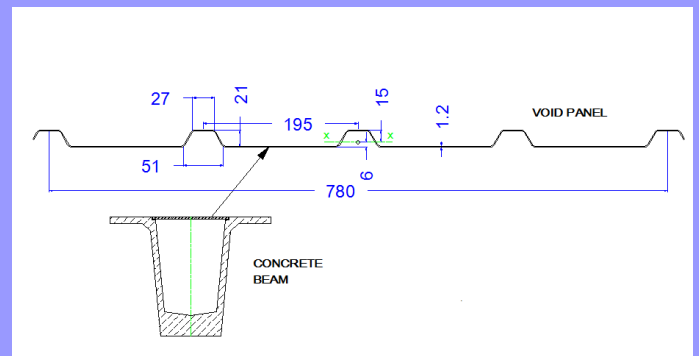


Minimise Environmental Impact

The commonly used wood based void panels rely primarily on wood chips for their production & therefore have a far greater environmental impact than Australian Rollforming Void Panels.

Profile Cross Section

Australian Rollforming's Void Panels, as shown in the drawing below, are manufactured from 1.20mm thick galvanised steel with a Z275 zinc coating; have a rib height of 21mm; an effective cover width of 780mm, & can be cut to any length.



Section Properties

Ixx: 68,600 mm⁴

Centroid: 6.0 mm

Zx top: 4,570 mm³

Zx bottom: 11,630 mm³

Cross Sectional Area: 1,100 mm²

Radius of Gyration: Rx: 7.9mm

Mass: 8.8 kg/m

Contact us to discuss your requirements.

Our reputation for reliability and our ability to partner our customers sets us apart from our competitors.

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