

VOID PANELS

Section No. S1243

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

Advantages & Benefits

High Strength: Australian Rollforming Void Panels combine high strength with low mass and have a significantly higher load carrying capacity than those manufactured from timber based materials.

Pre-Cut to Exact Void Width: Australian Rollforming Void Panels are pre-cut to the exact void width, therefore eliminating the need for any further cutting during installation.

Quicker, Easier & Safer to Install - Void Panels are simply glued (liquid nails, sealant) into the recess in the concrete beam (made even easier and safer since this can be done while the beam is still in the mould and the scaffolding in place), making installation comparatively quick and easy.

Minimise Wastage - Australian Rollforming Void Panels maintain their shape and integrity when exposed to all climatic conditions. They do not swell or break when they become wet and are not subject to shrinkage.

Cost Effective - As a result of being quicker and easier to install, requiring less materials and labour, the overall installed costs of Void Panels are less than that of the alternative timber based panels.

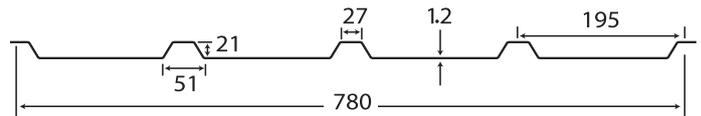
Environmentally More Sustainable: Traditional timber based void panels rely primarily on wood chips for their production and therefore have a far greater environmental impact than Australian Rollforming steel Void Panels.

Australian Made: Australian Rollforming Void Panels are made in Australia, by Australians, using 100% Australian materials.



Cross Section Profile

Australian Rollforming's Void Panels are manufactured from 1.20mm thick galvanised steel conforming to AS1397; have a rib height of 21mm; an effective cover length of 780mm, and can be cut to suit any void width.



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
- Mass: 8.8 kg/m

Major Projects

- Kempsey Bypass, NSW
- Woolgoolga Sect, Pacific Hwy Upgrade, NSW
- Herons Ck Sect, Pacific Hwy Upgrade, NSW
- Holbrook Bypass, NSW
- Newcastle Bypass, NSW
- Deer Park Bypass, Victoria
- South Morang Rail Extension, Victoria
- Anthony's Cutting, Victoria
- Dynon Road Overpass, Victoria
- Geelong Ring Road, Victoria
- McLaren Vale Overpass, South Australia

Australian Rollforming is a custom metal rollforming specialist, with the capability to rollform an almost infinite number of profiles in a wide range of metals.

Contact us to discuss your requirements.

