



# cnc *Routing & Cutting*

**Spectrum is a leading supplier of profiled aluminium & plastic products to the marine, coach building and signage industries in New Zealand.**

Our computer controlled machinery is networked to our design engineers for accurate transfer from design to production

We offer a full engineering design service in which we can, if required, take your project from concept or sketch through to CAD drawing and into full scale manufacture. additional welding, drilling, pressing, punching, curving and surface coating services are available.

## *Features*

Urgent turnaround available

Spectrum is New Zealand's most cost effective aluminium sheet profiling service

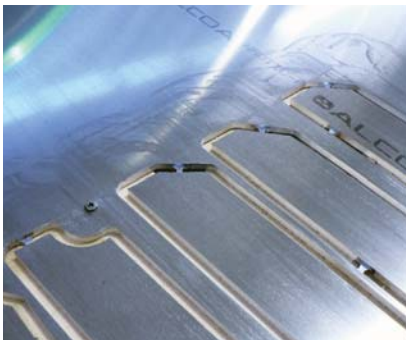
Cut only, or cut and supply material

\*For assistance in cut file requirements please contact Spectrum Architectural Metals or visit [www.spectrum.co.nz](http://www.spectrum.co.nz)

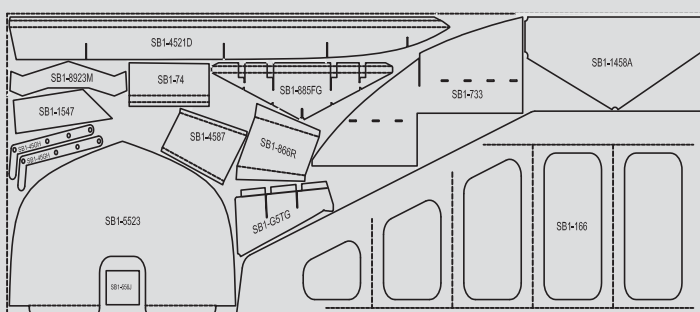
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 **spectrum**  
architectural metals

## cnc routing & cutting service



- Capacity: Aluminium sheets or treadplate from 1.2 - 25mm thick
  - Bed size: 6.1 x 2.1m - able to process sheets up to 9.0m in length
  - Cut edge is straight and burr free
  - No flaring, heat distortion or water staining that can be caused by other cutting methods
  - The cutting fluid used is fully water soluble i.e directly weldable
  - Pen marking for optional welding and bending layouts
  - Finished product repacked and delivered in it's original packaging, i.e in full sheets, parts held in place by tabs for ease of handling & identification
  - Urgent turnaround service available
  - Full engineering design service available, i.e we can take your project from concept, sketch or CAD drawing to the full CAD CAM package
  - Welding, drilling, pressing, punching and curving services also available
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- We take the utmost care when handling sheets. This is done by the use of vacuum lifting equipment
  - Please let us know whether the finished job is painted or 'mill' finish. This will make it easier for us to highlight any concerns we may have regarding the condition of the material (any damage, scratches or watermarks etc)
  - Treadplate + Protective coated film sheets are cut upside down. Please ask your supplier to deliver them this way.
  - Please email a copy of your cut-file (dwg. or dxf.) to [info@spectrum.co.nz](mailto:info@spectrum.co.nz) for quoting
  - Spectrum willingly works within any confidentiality agreements



### Technical Support:

Spectrum Architectural Metals offer a full in-house and online support system for their profiling service. For specific product or job enquiries and assistance in cut file requirements please contact Spectrum directly or visit [www.spectrum.co.nz](http://www.spectrum.co.nz) to download the cut file technical information.