



**HEPH
ALUMINIUM**

DESIGN & ENGINEERING

HEPH aluminum design, engineering and fabrication capabilities to building industry. To complement out in-house design, including extrusion and casting operations, we offer extensive fabrication options that turn aluminium components into finished products example products such as windows, sliding doors, fire rated aluminium composite panel for commercial and AS/NZS code compliances. As your one-stop shop for custom aluminium fabrications, we will work with you to bring your product to life and oversee the process from start to finish.

HEPH's project team includes in-house design and testing teams. We can help you determine the best combination of materials and processes to economically produce a reliable finished product. From choosing the right alloy to prototyping and custom tooling development, we provide expert consulting around a range of issues related to CNC aluminium part production.



COLOUR SELECTION



The colour selections for HEPH Aluminium is available in 2 different types of firstly powder coating and the other is anodise.

Powder Coating is electrostatic processing that charges the powder, sprays onto the aluminium. Next it is fused into a smooth coating after being placed into a curing oven. Powder Coating is a technique that is for highly decorative purposes. With powder coating being more versatile in colour from simple glossy to super matte and many that can be suited for customer needs.

Advantages of powder coating:

- Can achieve high decorative
- Highly versatile colouring
- Dents are easily repaired using liquid coating that matches the original colouring
- Easier to achieve uniform colouring

Anodising is an electrochemical conversion that converts and enhances the aluminium surface into decorative, more durable, wear resistant and corrosion resistant finishing. In the Heph Aluminium division we create high quality finishing for value added products and this results in a higher quality of options for all our customers

Advantages of anodised coating:

- Easy to maintain
- Cleaned periodically with water
- Will not peel or flake
- Unaffected by sunlight
- Does not emit Volatile Organic Compound (VOC)

PROJECT MANAGEMENT

At HEPH we find that efficient and smart project management is crucial to the timely completion of any construction projects.

We will assign a project manager to all customers to ensure quality, technical support, fabrication, installation and proper management is provided for customers.



PRODUCT

CUSTOMISATION SERIES

- Curtain Wall
- Windows
- Sliding Doors



PRODUCT

ALUMINIUM COMPOSITE PANEL (FIRE RETARDANT)

Thickness: 4mm

Width: 1250mm or 1500mm

Length: 1.5m, 2.5m, 3.2m, 4m



PREVIOUS PROJECTS

717 BOURKE STREET, DOCKLANDS VICTORIA 3008

Product: Unitised Curtain Wall



PREVIOUS PROJECTS

16 ASHBY CL, FORRESTFIELD WESTERN AUSTRALIA 6058

Product: Fire Retardant Aluminium
Panel



PREVIOUS PROJECTS

ECOSCIENCES PRECINT, BOGGO ROAD

Product: Aluminium Hand rails





OUR TEAM

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