



# Fuji Xerox Australia's Eco Manufacturing Centre

Sustainable building features

# Eco Manufacturing Centre

## Sustainable Building Features

When our iconic Eco Manufacturing Centre needed a new home it made sense that sustainability should help guide our decision. Instead of building new from the ground up, we refurbished an existing warehouse in line with sustainable building standards.

The Rosehill Art Deco style industrial building with a heritage listed facade, built in the 1930's to house the Australian Aluminium Works, was chosen as a fitting showcase for our award winning Eco Manufacturing operation – a building that has been given a second life with cutting edge sustainability technologies that set the standard in energy efficiency and provide a vibrant place to work.

Our efforts to minimise the environmental impact our new Eco Manufacturing Centre, through a sustainable design and reuse approach, resulted in a 44 percent improvement in embodied carbon compared to the baseline case of a conventional fitout. The 5 Star Green Star – Office Interior equated to an Ecological Footprint of 1.5 planets compared to 1.7 planets for a conventional fitout, avoiding 2,845 tonnes of carbon over the buildings' lifecycle.\*

### The new building has a number of sustainability features designed to reduce energy and water use, which include:

- external and internal sun shading to reduce cooling requirements in summer.
- gas powered air conditioning – 30% less carbon intensive compared with a conventional system.
- carbon dioxide controlled office space to ensure fresh.
- air for occupants.
- rainwater harvesting for toilets and garden irrigation.
- energy efficient lighting including motion and light sensors.

To support the use of public transport we have a private bus service available to shuttle our people to and from Granville Station.

### A key objective for the design team at the outset of designing the new facility was to create an environmentally sustainable fit out.

- 80% of construction waste separated out for reuse and recycling.
- High efficiency water fixtures (taps).
- Low Volatile Organic Compounds paints used throughout the fit out.
- Good Environmental Choice Australia certified linoleum, workstations and furniture.
- Manually adjustable blinds installed to assist in controlling daylight glare and heat from outside.
- Zero ozone depleting potential refrigerants used with supplementary air conditioning units.
- 10% of electricity used from renewable sources.
- C-bus lighting system to allow individual zones to be controlled via after hours switching and sensors to control unoccupied rooms/areas.
- Use of steel suppliers that are members of the World Steel Association for Carbon Reduction.
- Indoor plants to improve air quality.
- Reception desk and planter boxes made from recycled pallet timber.
- Installation of Fuji Xerox energy-efficient multifunction devices made from replaceable and recyclable components to extend product life and reduce waste to landfill.

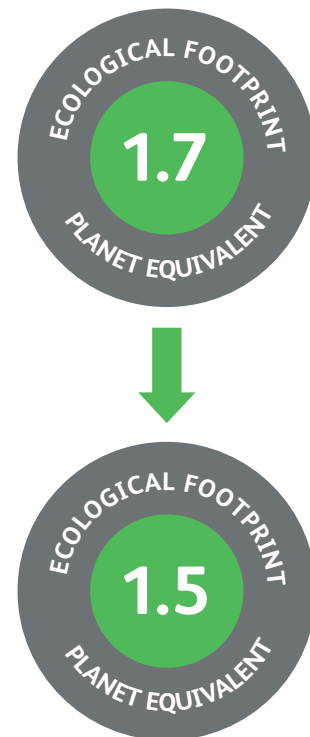
For more information or detailed product specifications,

Please call us on 02 4220 5000 or visit us at [fxillawarra.com.au](http://fxillawarra.com.au)

## FUJI XEROX BUSINESS CENTRE ILLAWARRA

87 Auburn Street, Wollongong NSW 2500

ABN: 62 096 607 135



In keeping with our commitment to **sustainable building standards**, Fuji Xerox Australia achieved a 5 Star Green Star – Office Interior v1.1 rating for the Eco Manufacturing Centre office space.

