
# NORTH EAST WATER

- DLG ALUMINIUM & GLAZING USE THERMALHEART™ SYSTEMS TO MAXIMISE NATURAL LIGHT WHILST ENSURING ENERGY EFFICIENCY

This commercial project is situated in the small city of Wodonga. Leffler Simes Architects designed and built the new headquarters of North East Water Regional.

The focal point in the clients brief was to ensure the building was an inspirational environment to receive the public and to carry out the tasks of an important regional water supply.

The architects worked closely with local builders Zauner Construction to achieve the light filled, open building that the clients required.

One of the main achievements in this project is the central atrium, which is provides natural light and gives a focus to the interior of the spaces. The configuration of the building allows the office areas to be naturally ventilated for a good part of the year.

Builders worked closely with local aluminium window and door manufacturer DLG Aluminium & Glazing to ensure the project met the design brief of light filled and open whilst maintaining sustainable architecture and reducing energy consumption.

## AWS | PROJECT FEATURE

ThermalHEART™ commercial systems were utilised in this project to ensure large spans of glazing were able to be utilised whilst complying with energy ratings. By utilising the ThermalHEART™ aluminium range of windows and doors coupled with double glazing, the clients' brief of wide, open spaces was able to be met.

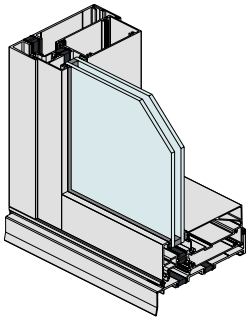
The completed building successfully meets many of the clients' demands including 5 star ESD performance, re-use of existing local materials and an environment that provides a high degree of efficiency.

The completed project is a sustainable architecture that reduces the energy consumption by 60% and pioneers industrial development in the area, establishing a high benchmark for future development.

This project won the "Best Use of Glass" at the Australian Glass and Glazing Association (AGGA) Awards 2014.

For more information & the full gallery, visit:
**thermalheart.com.au**

Architect: Leffler Simes Architect



### THERMALHEART™ SERIES 826 FRONT GLAZED FRAMING

- Double glazed FrontGLAZE™ framing system designed specifically to accept 24mm Insulating Glass Units (IGUs) with the required 12mm glass bite.
- High water resistance can be achieved using the appropriate mullion and transom combinations. Successfully tested at 600Pa water resistance.
- The 102 x 60mm framing system has a variety of transom and mullion alternatives. This system will also accept many of the Series 400 CentreGLAZE™ frame accessories including doors, sub-frames and thresholds.
- Two mullion designs allow frames to be constructed with snap-together mullion and expansion mullion with central weather leg for improved waterproofing.
- Glazing pocket will accept co-extruded captive glazing wedges.
- Optional midrail will also accept 24mm IGUs.

DLG Aluminium & Glazing work closely with architects to achieve the ideal glazing solution for the project balancing the requirements for energy efficiency, acoustic performance, aesthetics and bushfire regulation compliance. The team at DLG is dedicated to providing customers with the personal service and technical excellence they have come to expect- as well as good value for money. The DLG showroom offers an extensive display of Vantage and Elevate™ systems and provides the ideal environment to make informed decisions about the windows and doors for your project.

**2D & 3D CAD Files Available** | Download from **specifyaws.com.au** to use in your projects.
For more information on this and the rest of the ThermalHEART™ range: **thermalheart.com.au**