

# Iglu Summer Hill Student Accommodation, Sydney Case Study

Education  
NSW

**powermesh**

PUMA 



**powermesh**

**zimi**

**TRADER**  
100 Years of Gerard Electrical Tradition



Case Study:  
**Iglu Summer Hill Student Accommodation**  
 Location:  
**74 Carlton Cres, Summer Hill NSW**  
 Architect:  
**Bates Smart**  
 Builder:  
**Hansen Yuncken**  
 Consultant:  
**Mecone**  
 Electrical Contractor:  
**Goldline Industries**  
 Trader Electrical Products used:  
**Puma, Powermesh**

**What was once a historic Ambulance Station located in Sydney's inner West, now stands Iglu Summer Hill, a very contemporary student accommodation development. Communal, peaceful and laid back, it is designed around the needs of the modern day student and includes Powermesh connected home technology as well as a very unique combination of Puma switches and power points.**

Built by Hansen Yuncken, Iglu is changing the way students live. This \$30 million project, consisting of 180 rooms, features large common areas, a media room, open space courtyards and even bicycle storage.

The development was designed with sustainability goals of reducing energy and water consumption. Each of the rooms feature expansive glass windows to maximise natural light. The front of the building is dominated by black planter boxes beneath each window. Splashes of green foliage contrast against the black window framework and earthy tones of the brick façade.

Rooms are well thought out to complement student needs, including full ensuite and kitchenette facilities. When it came to the electrical fit-out, electrical contractors, Goldline Industries have ensured that students want for nothing.



Student Rooms feature well-appointed kitchenettes



Powermesh Connected Home Multi-Purpose switch wired to the cooktop



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Installed throughout are Puma switches and power points, including USB chargers and data points. The USB charger offers 3.4A of fast charging on a single device.

In student accommodation kitchen areas, it is not uncommon for a cooktop to be left on unattended, creating a potential fire hazard. So, in each kitchenette, Goldline have installed a Powermesh Connected Home Multi-Purpose switch.

Every Powermesh switch and power point incorporates a timer, which is set up on the Zimi App via phone or tablet. In this instance, where the cooker is usually on a 32A circuit, the the Powermesh switch is wired to a contactor, located in the ceiling space.

Every switch is now set to time out providing peace of mind to both occupants and the building manager.



Puma integrated USB charger and power points provide 3.4A of fast charging.



A number of rooms specified with black and white switches to assist visually impaired students

Another prerequisite for the development was to designate a number of rooms to meet NDIS (National Disability Insurance Scheme) requirements, specifically to assist students that are visually impaired. Trader was able to provide a unique combination of white switches and power points fitted with black cover plates. The end result is one that easily identifies switch mechanisms, outlets and USB ports.

In external areas of the building, Hippo weatherproof power points are located for maintenance and cleaning staff to access. Rated IP54, these offer market leading protection against the elements in residential applications.

Iglu Summer Hill is a great example of how Trader can deliver on a solution for residential student accommodation projects. If you have a similar development that you would like to discuss with Trader, please reach out to us.



Outdoor area power needs are covered with Hippo weatherproof range.

## Powermesh Connected Home Products





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