



Warrandyte Passivhaus Home



DELIVERING PERFORMANCE AND STORY

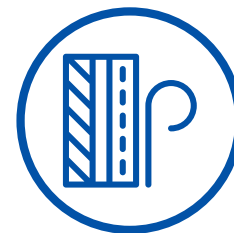
For the Warrandyte Passivhaus home, JEANIUS insulation delivered more than compliance with demanding energy standards. It helped create a home that is quieter, more comfortable, and aligned with the values of sustainable construction.

By combining recycled materials, acoustic comfort, and a practical take-back system for off-cuts, the project demonstrates how high-performance building can also support circular manufacturing and reduced construction waste.

“

“You don’t get the itchiness or the sore eyes, so it’s well worth the extra time to install”, said Jesse Glascott, Managing Director at G-LUX Builders.

”



**INSTALLER-FRIENDLY AND
COMFORTABLE TO WORK WITH**

“

“You can really feel it as you walk into the building. It’s not just the thermal properties, it has some amazing acoustic properties too,” said **Andrew Healey**, Product Innovation & Business Development Manager at **Bowens**, while visiting the project site.

”



CLOSING THE LOOP ON CONSTRUCTION WASTE

A standout feature of the project was the ability to return insulation off-cuts back into the manufacturing loop.

Rather than sending excess material to landfill, the G-LUX team collected the off-cuts and returned them to Planet Protector, where they are recycled and incorporated into future insulation production.

“We bag the offcuts, take them back to Planet Protector, and they add them to our next order,” Jesse said. “It’s that easy.”

This circular approach not only reduced site waste but also helped the project maintain its strong sustainability credentials.





Sustainability eBook 2025: Planet Protector Group

Download this eBook to explore how Planet Protector's circular insulation solutions elevate performance, ethics, and sustainability in modern building design. [Click](#)

Jeanius™ Helps Latitude Building Group Achieve Healthier, Quieter Living in Penshurst

Chris and Luke from Latitude Building Group selected Jeanius™ insulation for a renovation and extension in Penshurst, NSW. The homeowner was seeking a safe, non-toxic insulation option for his family and pet. Jeanius™ delivered noticeably strong acoustic performance, particularly in the media room, where the difference was truly felt.

Jeanius is free from toxic additives and harmful chemicals, providing peace of mind. The builders valued the ease of installation, noting that no PPE was required, and that the batts cut cleanly with a Bahco saw or could be easily torn to size on site.

A fitting reflection of its comfort and safety: the family dog happily curled up and went to sleep on top of the batts during installation! (pictured)

