



Thermal Haven Nest Boxes®

For supply and installation quotations contact

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- Thermal profile allows for installation in full sun without overheating.
- Designed to restore habitats for hollow-dependent fauna.
- Made from quality, certified and sustainable materials.
- Supplied with fixing kit.

Environment & Sustainability

- Uses non-toxic materials.
- Safe for fauna, humans and the environment.
- Independently certified by Global GreenTag International:
 - ⇒ First **NaturePositive+** certified product.
 - ⇒ PlatinumHEALTH HealthRATE outcome via a **Product Health Declaration**.
 - ⇒ BETTER THAN ZERO carbon footprint.
 - ⇒ Manufactured using 100% solar energy.
 - ⇒ **2023 Sustainability Award Winner** of Landscape & Urban



Thermal Properties

- Extensively tested in full solar exposure / outdoor conditions.
 - Stays cooler in heat extremes than other nest boxes.
- **Thermal Design (dual wall construction)**
 - ⇒ Uses an air gap as insulation (fully vented sides, base and roof).
 - ⇒ The ventilated air gap creates a thermal buffer for the occupants.
 - ⇒ The cavity vents allow moisture ingress to drain.

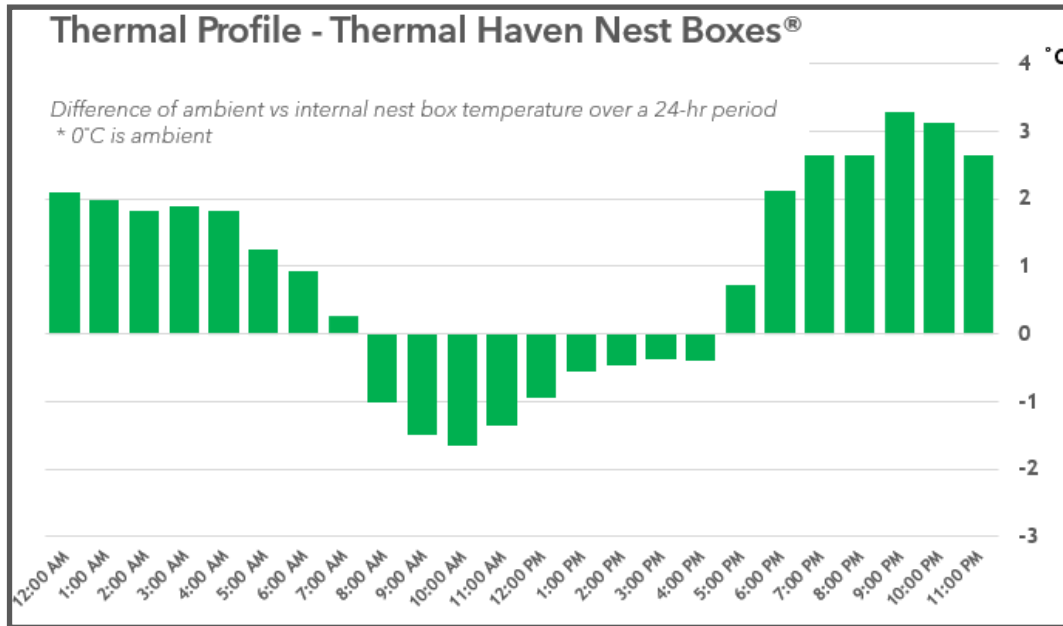
Materials

- **Safe** – no microplastics, plastics, glues, silicas, formaldehydes or galvanising.
- **90% Weathertex** – Australian made cladding, 80 years in the market.
 - ⇒ Termite resistant - all sugars and starch removed.
 - ⇒ Rated to BAL 19 (Bushfire attack level) - *when used in housing.
- **<10% certified Australian hardwoods**
 - ⇒ Rated to BAL 19 (Bushfire attack level*)
- **A2 stainless steel screws**, SPAX–German made and certified.
 - ⇒ will not rust, no galvanic corrosion
- **Lifespan of 25+ years** with replaceable / repairable parts
- Customisable
 - ⇒ Thermal Haven Nest Boxes® can be customised to suit your specifications.
- **Monitoring**
 - ⇒ Engraved box numbers simplifies registration of GPS location and occupancy activity monitoring.

Research

Extensive temperature and humidity trials have shown that the Thermal Haven Nest Boxes® have a thermal profile comparable to a tree hollow.

- Thermal profile testing undertaken in **full sun / unshaded** (facing north).
- Thermal profile of a hollow (2–3 degrees cooler than ambient during the day, 2-3 degrees warmer than ambient at night). The graph below reflects data taken during summer months.
- More than 30 designs were tested in outside conditions over 2 years.
- Thermal Haven Nest Boxes temperature performance improves significantly as nest box “greys off”.



Monitoring & Installation Success

- The first Thermal Haven Nest Boxes were installed at Golden Whistler Reserve Drouin in September 2022.
- Since then the nest boxes have been installed in multiple locations across Victoria and for a study in French Polynesia.
- Nest boxes are inhabited year round by birds and mammals alike.

