



Greenhouse LS 1



Dimensions

Width – 1680 mm
Length – 2850 mm
Eaves height – 1960 mm
Ridge height – 2560 mm
Door width – 700 mm

Door height – 2100 mm
Roof pitch – 16°

Snow load – 250 kg/m²
Sidewind load – 45 kg/m²

Standard configuration

Door with lock – 1 pc
Roof window with automatic opener – 1 pc



Wood

We use only high-performance, sustainably sourced wood materials in our greenhouse production. All timber is certified with **FSC® and PEFC™** to support responsible forestry. The structural elements are manufactured from 92 × 42 mm **Thermowood® or Accoya®**, depending on design and customer preference — ensuring long-lasting strength, stability, and a refined appearance.

Thermowood®

Heat-treated Scandinavian pine modified using heat and steam.

Key Properties

- Durable and resistant to decay
- Improved stability with reduced swelling
- Chemical-free and environmentally friendly
- Warm, natural brown appearance
- Ideal for exterior applications

Accoya® Wood

Premium modified wood for top-level performance using acetylation process.

Key Properties

- Exceptional durability (Class 1)
- Minimal movement in changing climates
- Light, knot-free surface ideal for visible structures
- Excellent coating performance
- Non-toxic and fully recyclable
- Suitable for demanding environments

Glass

Greenhouse features a **unique and patented glass-on-frame design** that ensures a seamless, modern appearance while enhancing structural integrity. It is glazed with **4 mm tempered safety glass**, selected for its optimal balance of strength, transparency, and long-term reliability.

The glass is manufactured in compliance with **European Standard EN 12150**, providing superior durability, increased impact resistance, and dependable protection against environmental stress — ensuring your greenhouse remains safe, stable, and visually pristine for years to come.



Fixings

All fixings are engineered for longevity, using a combination of **stainless steel and zinc-coated steel**. These materials are specifically selected for compatibility with Thermowood® and Accoya®, thanks to their excellent resistance to corrosion and harsh weather conditions. This ensures lasting structural integrity and a secure finish throughout the greenhouse's lifetime.

Warranty

Greenhouse comes with long-term protection and peace of mind. The wooden frame is backed by a **15-year warranty for Thermowood®** and a **20-year warranty for Accoya®**, ensuring exceptional durability over time. Key accessories — including the door lock and automated roof window openers — are covered by a **2-year warranty**. The glass elements are supported by a **limited warranty**.