

Overview

The LWT Passive House Loft Ladder has been designed for use in passive buildings. The folding wooden loft ladder is contained within, and attached to, an insulated wooden hatch box. Furthermore, three separate seals provide an airtight seal when the trapdoor is closed.

High Strength | Standard Sizes Only | Airtight | Ease of Use | Highly Insulated | Passive House Certified



Product Materials & Finish

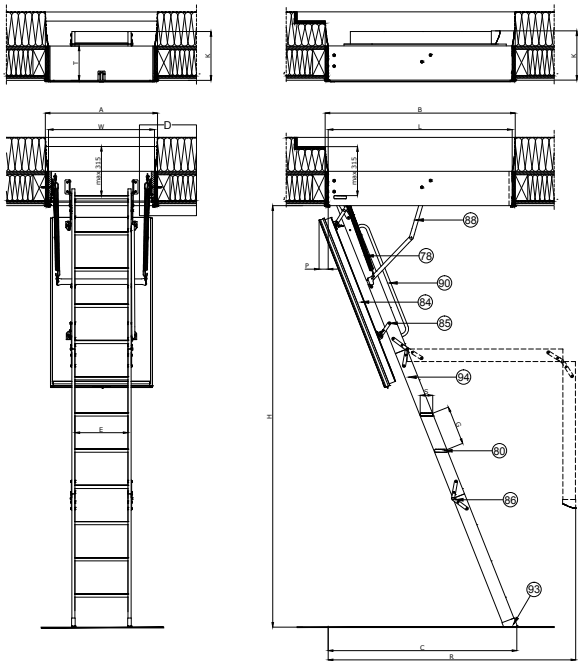
- Wooden folding ladder structure. Steel fixings throughout
- Architrave; clip on PVC (50mm)
- Trapdoor; ply board insulated sandwich construction
- Snap lock closure mechanism
- Protective feet
- Treads 340mm wide x 80mm deep (300mm wide on 1000mm x 550mm model only)
- Fixed handrail included as standard
- Operating pole included as standard
- Passive House Insulation Kit included as standard

Performance

- High energy efficiency (U-value of 0.51 W/m²K, tested to EN ISO 12567-1)
- Certified Class 4 airtightness
- Load capacity of 160 kg per step

Quality

- Certified by the Passive House Institute (Passivhaus Institut) as a passive house component
- Manufactured and tested to EN 14975
- Class 4 airtightness tested in accordance to DIN EN 12207
- Supplied with a manufacturer's 3-year warranty



Loft ladder dimensions					
H	A	B	R	C	T
Max. room height (cm)	Ceiling opening width (cm)	Ceiling opening length (cm)	Swivel range	Set down point	Box height
280	62	122	164	130	22
	72	122	164	130	22
	72	132	164	130	22
	72	142	164	130	22
305	62	132	178	137	22
	72	132	178	137	22
	72	142	178	137	22

Drawings not to scale.

Environment and sustainability

Red listed components - none

Recyclability - Wooden components can be easily recycled