



# Fire Resistant Loft Ladder FAKRO LWF-60

## 60x120x280cm



Manufacturer	
Dimension	60cm x 120cm x 280cm
Weight	38.20 kg
Product Code	FAKRO LWF 280 Loft Ladder 60x120
EAN	5900988646014
SKU	003687
Advice IBB	
Application	Stairs with a wooden 3-section ladder and fire resistant white hatch
IBB ID	13544

### Product specification

Manufacturer	FAKRO	Unit	pcs
EAN	5900988646014	Dimension	60cm x 120cm x 280cm
Atest	Fire-resistance classification LWF 60 EI1/ EI2=60 min EN 13501-2.	Norm	EN 14975
		Benefit 1	Knot-free Northern European redwood pine
Benefit 2	perfect for most projects	Benefit 4	Strong dove-tail joints from steps to stringers
Hatch thickness [cm]	3.6	Benefit 5	Insulated hatch
Insulation thickness [cm]	3	Ladder U-value [W/m²K]	1.10
Acoustic insulation Rw	32 db	External colour	white
maximum loading	160kg	Glazing unit	4h-16-4t
Glazing U-value [W/m²K]	1.00	Inert gas filled panels	argon
Material	timber	Maximum pitch	90°
Minimum pitch	15°	Window U-value [W/m²K]	1.30

## Fire Resistant Folding Wooden Loft Ladder FAKRO LWF 280 Loft Ladder 60x120cm

In buildings where fire protection is paramount, our range of fire-resistant loft ladders will meet your requirements. Our new generation of fire-resistant loft ladders offer fire protection for up to 60 minutes or 120 minutes.

The LWF 60 is a new generation of fire resistant loft ladders which combines a high level of fire protection with comfortable and safe access to the loft.

Minimum ceiling height requirements for 280cm:

- 234cm for a 3 section loft ladder

Minimum ceiling height requirements for 305cm:

- 242cm for a 3 section loft ladder

The special hatch design and materials used to provide a 60minute protection against fire penetration from the space where the loft ladder was installed.

The hinge of the hatch controls the hatch movement and during the opening it moves the hatch away from the ladder's treads. This automatically increases the space indispensable for the ladder use.

A short distance between the top tread and loft floor.

There is white on both sides and its insulated. The hatch is equipped with an expandable seal which is under the influence of heat expands and prevents fire entering the fire free space.

Triple system of seals guarantees perfect airtightness.

The ladder comes with stile ends, a fire resistant hatch, three seals, a handrail and non-slip treads set flush with ladder strings.

Technical specifications:

Maximum load of 160kg with a heat transmission co-efficient U-Value = 0.6W/m<sup>2</sup>k.

A Fire Resistance Class EL1/EL2 = 60minutes and an insulation thickness 7.4cm and a hatch thickness of 8cm.

Achieves EN1V3501-2 EL145. Passed to Standard EN14975.

Details:

Segments - 3

Tread length - 34cm

Tread width - 8cm

Distance between treads - 25cm

Tread thickness - 2cm

Box height - 22cm