


























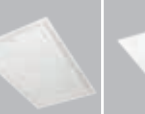







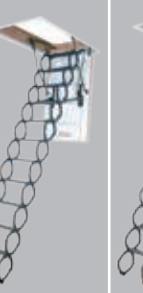


OTHER PRODUCTS

LOFT LADDERS								
FOLDING WOODEN SECTION LOFT LADDERS								SLIDING SECTION LOFT LADDER
INSULATED U=1.1 W/m²K				HIGHLY-INSULATED			FIRE-RESISTANT EI, /EI _z =45min U=0.6 W/m²K*	INSULATED U=1.1 W/m²K
				U=0.68 W/m²K	U=0.51 W/m²K	U=0.51 W/m²K		
LWS Plus	LWK Plus	LWZ Plus	LWL	LTK Energy	LWT	LWT Passive House	LWF 45	LDK
								
								

Wooden loft ladders:

- **LWS Plus** - basic model of FAKRO loft ladders.
- **LWK Plus** - equipped with a handrail (3-section version) and white hatch.
- **LWZ Plus** - time required to fit the loft ladder in the ceiling is reduced to minimum.
- **LWL** - equipped with an additional handrail in the middle section and mechanism to support folding and unfolding the ladder.
- **LTK Energy highly-insulated** - characterized by excellent heat transfer coefficient.
- **LWT highly-insulated** - equipped with three seals to ensure perfect tightness.
- **LWT Passive House** - equipped with insulation kit and designed for installation in passive buildings.
- **LDK** - for rooms with limited space.
- **LWF 45 fire-resistant** - protect against the spread of fire.

All models of FAKRO folding section loft ladders ensure high tightness, excellent thermal insulation performance and comply with the requirements of EN 14975 standard.
*Manufacturer's internal calculations.

LOFT LADDERS								
FOLDING METAL SECTION LOFT LADDERS						SCISSOR LOFT LADDERS		
INSULATED U=1.1 W/m²K				FIRE-RESISTANT		INSULATED U=1.1 W/m²K		FIRE-RESISTANT EI _z =60min U=1.8 W/m²K*
				EI, /EI _z =45min U=0.6 W/m²K*	EI _z =120min U=0.79 W/m²K*			
LMS	LMK	LML	LMP	LMF 45	LMF	LST	LSZ	LSF
								
								

Metal loft ladders:

- **LMS** - feature enhanced durability of the ladder, designed for frequently used rooms.
- **LMK** - additionally equipped with a handrail and white hatch.
- **LML** - ensure the highest comfort of use as well as quick and easy installation process.
- **LMP** for high rooms (max. 366 cm)
- **LMF and LMF 45 fire-resistant** - protect against the spread of fire.


Scissor loft ladders:

- **LST and LSZ** - feature small size, designed for rooms where it is impossible to install section loft ladders.
- **LSF fire-resistant** - protect against the spread of fire.

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*Manufacturer's internal calculations.

OTHER PRODUCTS

MILLER STAIRCASES						
MSP	MSP-WW	MSP-CC	MSU	MSA	MSS	MSW
						
<ul style="list-style-type: none"> - The MSP leaning staircase made of spruce wood and designed for DIY installation is ideal for mezzanines and rooms with very limited space, where it is necessary to fold away the ladder when the staircase is not in use. - The MSP staircase comes in two colour versions - white (MSP-WW) and black (MSP-CC). - The MSU straight staircase can be used for more spacious rooms. - The MSA alternating tread staircase thanks to its design occupies very little space inside the room. - The MSS staircase is a larger counterpart of the MSU. - For more spacious rooms in which the inconvenient positioning of the walls excludes the use of straight staircases it is possible to use the MSW winder (left or right) in conjunction with the MSS staircase. 						

L-SHAPED COMBINATION DOORS		
INSULATED	HIGHLY-INSULATED	FIRE-RESISTANT
DWK	DWT	DWF
U=1.1 W/m²K	U=0.6 W/m²K* 4th class tightness as per 12207*	U=0.64 W/m²K* 4th class tightness as per 12207* EI,45
		
<p>L-shaped combination doors ensure access to non-habitable space located behind a knee wall or under stationary staircase.</p> <ul style="list-style-type: none"> - Insulated DWK door with a 3.6cm thick sash. - Highly-insulated DWT door with a 6.6cm thick sash. - Fire-resistant DWF door which in addition to excellent thermal insulation performance ensure fire resistance (EI1=45 fire classification as per 13501-2) and high tightness. 		

*Manufacturer's internal calculations.