

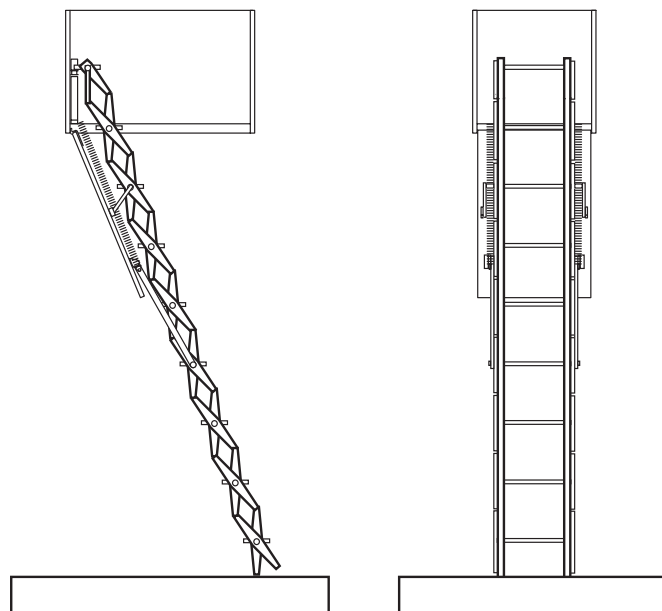
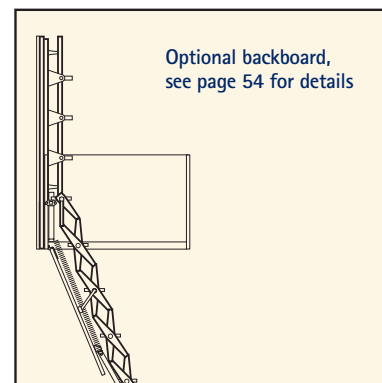


# Industrial Grade Retractable Ladder



BL-Z BOX

Type BL-Z BOX Retractable Ladder with handrail.  
With laminated insulated wood trapdoor and lining



## SPECIFICATIONS

<b>References:</b>	The BL-ZBOX industrial grade model is manufactured to EN 14975 (DN 4570) .
<b>Materials:</b>	The ladders are manufactured from die-cast aluminium alloy. The lining and trapdoor are manufactured from 18mm thick laminated wood, painted white (see options for fire rated box construction). Insulation – 63mm high.
<b>Depth of Lining:</b>	500mm (from underside of hatch to bottom of closed trapdoor). Load bearing: 200kg per tread – overall unit 500kg/m <sup>2</sup>
<b>Tread Size:</b>	200/250/300/350/380/430/530/580mm wide (the 200 – 380mm wide are 140mm deep and the 430 – 580mm are 160mm).
<b>Tread Rise:</b>	Subject to the floor to ceiling height the usual tread rise will be between 277mm to 280mm.
<b>Lift Mechanism:</b>	Two heavy duty counter-balanced springs incorporated into pivot brackets.

## Options:

- Additional telescopic handrail
- Lining depth up to 860mm deep
- Operation from above – cable/ring pull operation
- Electrically operated trapdoor and stair
- Protective varnish coating for trap door and lining
- Grabrail
- Backboard.

## Fire Rated Options:

- F30 – steel lining and trap door
- F90 – steel lining and trap door
- 1.5mm thick steel hatchbox with a steel trapdoor. The trapdoor is made from 2 layers of 1.5mm thick sheet steel infilled with 38mm of mineral wool to give a 30 minute fire resistance or 75mm of mineral wool to give a 90 minute fire resistance. There is a 29mm wide lip to the bottom of the lining around the external edge, which is designed to butt up against the ceiling to help prevent flame and smoke ingress. Similarly, there is also a lip to the bottom of the steel trapdoor, which extends to within 15mm of the lip on the lining.

## SIZES

Type	Floor to Ceiling Height	No of Treads	Minimum Hatch Length
BL-ZBOX-1	Up to 2500mm	9	915mm
BL-ZBOX-2	2501-2790mm	10	915mm
BL-ZBOX-3	2791-3090mm	11	915mm
BL-ZBOX-4	3091-3390mm	12	1000mm
BL-ZBOX-5	3391-3690mm	13	1300mm
BL-ZBOX-SS	Special sizes available on request		

