

Dimensions in centimetres

Standard sizes	
Ceiling opening dimensions (Length x Width)	50 x 50 60 x 60
Ceiling thickness = frame height	10 (with WS 4D Standard: 15)
Custom-made	
Ceiling opening dimensions (Length x Width)	min. 30 x 30 max. 75 x 70
Ceiling thickness = frame height	> 10 - 25

Dimensions are construction side dimensions in centimetres.
Ceiling opening dimensions = order dimensions. For installation space, factory-made frame dimensions are 1.5 cm (length/width) smaller.

Frame

19 mm multifunction board, foil-coated, white, suited for load-bearing purposes in moist areas (EN 13986-P5)
2 magnetic catches each with a retention force of 5 kg

Access hatch door

16 mm chipboard, melanine resin-coated, white, circumferential ABS furniture edge; smooth surface due to covered quality hinges; ZD latch for even contact pressure and proper closing

Quality hinges

Automatic hinges with clip-on technology to easily remove / insert the door leaf for maximum clearance; simple adjustment (length, width, depth) of the door for optimum, tight closing

hoka twin-wall-sealing

TPV-profile with two degrees of hardening, lift range of sealing 4 mm, resistant against temperature / environmental influences and ageing, circumferential with groove in the access hatch fold; air-tightness value $a=0.04 \text{ m}^3/\text{hm}(\text{daPa}^{2/3})$

Cover profiles

Plastic, white, rounded special profile 40 x 6 mm, on mitre, pre-mounted adhesive tape, plug-in system with corner joints

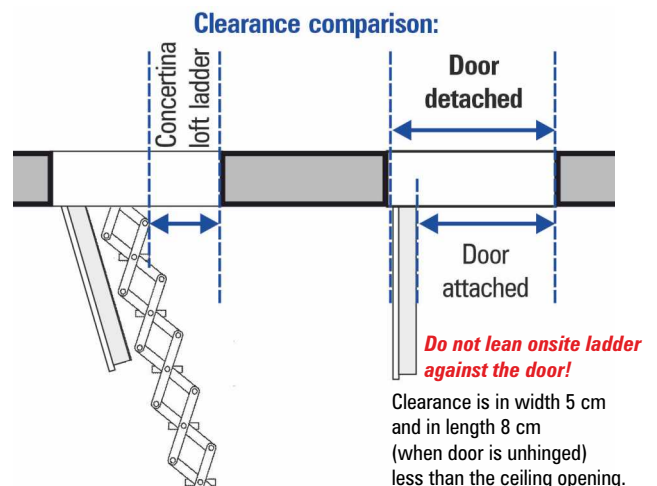
Additional features

Thermal protection WS 3D

Material: 48 mm thermodeck insulation;
Ceiling connection system: double-sided adhesive sealing tape and insulation braid
Values: Insulation value $U=0.75 \text{ W}/(\text{m}^2\text{K})$
Airtightness connection system $a=0.02 \text{ m}^3/\text{hm}(\text{daPa}^{2/3})$
incl. sealing system for airtight installation

Lock

Deadlock with round cylinder incl. 2 keys



Measurement check and clearance calculation:

Use configurator: www.massbox.de

So far German only. Sorry for the inconvenience.

Thermal protection WS 4D (Height of frame 15 cm as standard)

Material: 96 mm thermodeck double insulation;
Ceiling connection system: double-sided adhesive sealing tape and insulation braid
Values: Insulation value $U=0.50 \text{ W}/(\text{m}^2\text{K})$
Airtightness connection system $a=0.02 \text{ m}^3/\text{hm}(\text{daPa}^{2/3})$
incl. sealing system for airtight installation

For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.



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