

## Flat roof exit datasheet

Use configurator: [www.massbox.de](http://www.massbox.de)

So far German only. Sorry for the inconvenience. Please use internet browser for translation.

### Dimensions in centimetres Always in combination with Wellhöfer attic stairs

Dimensions depending on the type of stairs		Special sizes only with Liliput
Ceiling opening dimensions (Length x Width)	min. 90 x 60 max. 160 x 80	min. 90 x 90 max. 100 x 100
Construction height	45 - 110	
<b>Floor-to-ceiling heights</b> Floor-to-ceiling height, type of stairs and additional features determine the min. length of the ceiling opening. Use configurator!		
Floor-to-ceiling (min. - max.)	190 - 410* depending on the type of stairs	

Dimensions are construction site dimensions. Construction height > 45 cm: Attic stairs custom-made (casing height). Depending on the type of stairs and in combination with further additional features divergent dimensions may apply. Special sizes only possible in combination with concertina attic stairs Liliput. Ceiling opening dimensions = order dimensions. For installation space, factory-made casing dimensions are 1.5 cm (length/width) smaller.

\* For floor-to-ceiling heights 320 cm and higher the concertina stair type Liliput always require the comfort operation for the stair section.

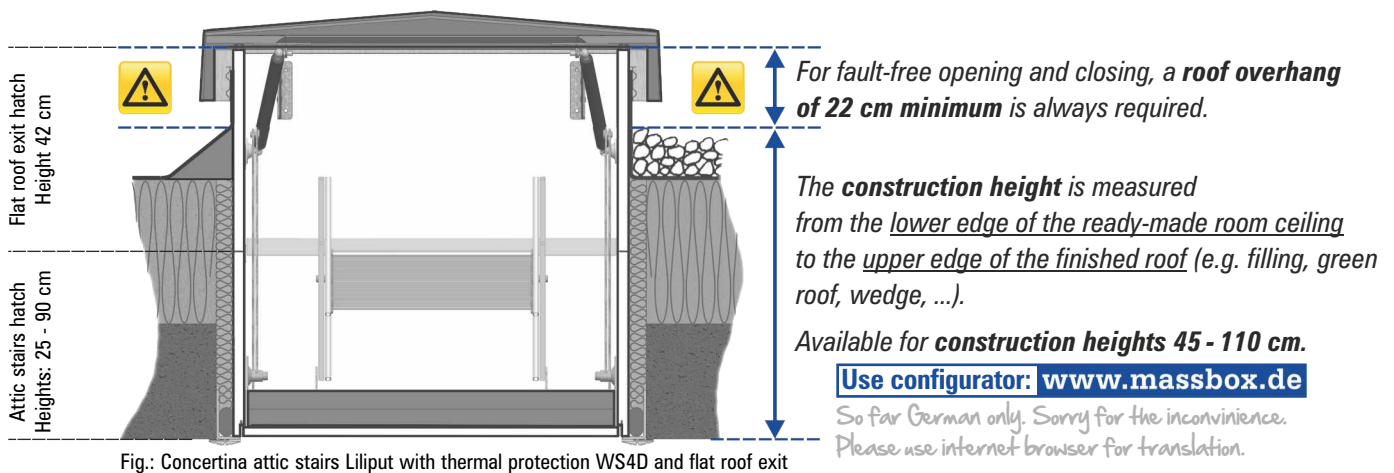
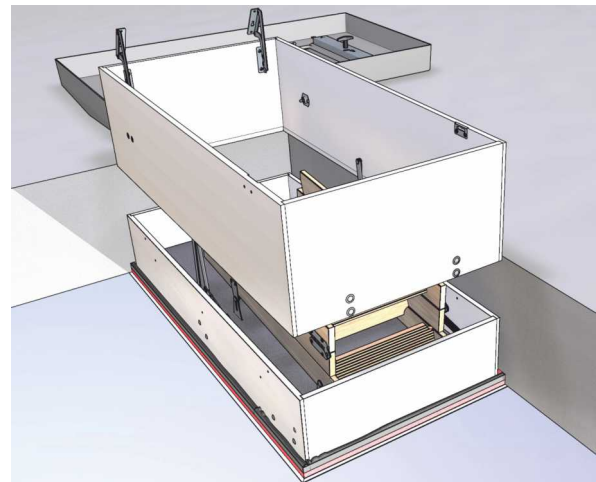


Fig.: Concertina attic stairs Liliput with thermal protection WS4D and flat roof exit

#### Flat roof exit

- Roof: GFK saddle roof, light grey RAL 7035, integrated rear ventilation
- Frame: 19 mm multifunction board
- Top end: Circumferential weather-protection profile, aluminium, en mitre
- Operation: Self-opening by gas springs; One-hand operation
- Safety: Aluminium exit step; locking on both sides, prepared for cylinder lock
- Installation: Without crane possible, since the 3 components (attic hatch, exit frame, exit roof) are installed one after the other (see figure)



In fire resistant ceilings important safety aspects have to be considered when combining the flat roof exit with double-sided fire protected attic stairs (FS30 2S / FS90 2S). Please contact us for further information: +49 (0)931/61405-0