

## NEW Aerolight-Broadfold

### Instructions for use

**Product codes:** AB15, AB18, AB21, AB24

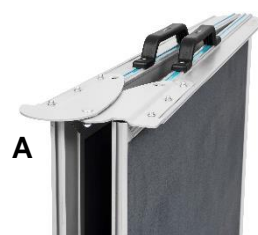
**Intended Purpose:** These ramps are intended to be used as a wheelchair accessory for persons with disabilities to navigate areas of different heights.

#### Before use

- Remove all packaging and ensure the ramps have not been damaged in transit. Retain packaging.
- Carefully read the instructions and warning texts before using the ramps.
- Keep instructions for reference.
- On each ramp you will find a label that shows the maximum permitted load for the ramp.

#### To Deploy

1. Carry the ramp, using both handles together.
2. Ensure the ground/surface at both upper and lower levels is firm and stable.
3. Check ramp is long enough to cover the step/rise. The ramps are designed for use between 1:4 and 1:20 gradient (dependent on safe application and use requirements).
4. Open the ramp (pic. A).
5. Place the ramp in position with the lip fully on the upper level, central to the chosen route (pic. B). The unique design of the end lips holds the ramp in position.
6. Ensure the ramps do not become dislodged in use. Check ramps are firmly located and stable each time they are used.
7. For storage fold the ramp together again.



#### Maintenance

- If the ramps become damaged or slippery in any way they should not be used (contact supplier/manufacture).
- The ramps may be cleaned with normal cleaning products and left to dry before use.
- Maximum recommended cleaning temperature 50°C, please enquire for further details on use with industrial cleaning machines
- For disposal of these products, please liaise with a metals recycling contractor. If you no longer require this product and it was loaned to you by a local authority, please contact them to discuss its removal from your property.

#### Warranty

- Aerolight ramps are designed and optimised for disability/mobility use
- The ramps carry a comprehensive 2-year warranty for normal use, conditions apply.
- Use other than published/intended will void the warranty.
- The ramps are not designed for permanent outside use and must not be fixed down.
- Any modification/repair other than by manufacturer will void the warranty.
- Ramps will not be repaired/replaced if the serial number plaque has been removed/replaced.

• **Accessories Available** (contact supplier/manufacture to order)

• Warning cone

**AWC**

• Wall strap kit

**AWK**



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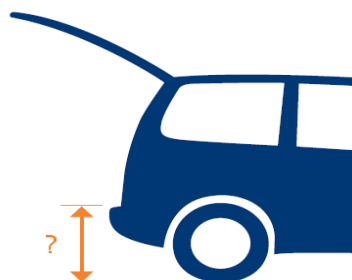
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Code	Length	Ramp Width*	Lip Width	Capacity	Weight	Stored Dimensions LxWxD
AB15	150cm (5')	76cm (30")	71.4cm (28.1")	350kg (55st)	12.1kg (27lbs)	80 x 19 x 76cm (31 x 7 x 30ins)
AB18	180cm (6')	76cm (30")	71.4cm (28.1")	350kg (55st)	13.5kg (30lbs)	95 x 19 x 76cm (37 x 7 x 30ins)
AB21	210cm (7')	76cm (30")	71.4cm (28.1")	300kg (47st)	14.9kg (33lbs)	110 x 19 x 76cm (43 x 7 x 30ins)
AB24	240cm (8')	76cm (30")	71.4cm (28.1")	250kg (30st)	16.4kg (36lbs)	125 x 19 x 76cm (49 x 7 x 30ins)

## Ramp Length

- a. Measure the step height / level difference.  
(Total height of steps or height to resting point on vehicle).



- b. Use the Ramp Length Guide to decide which length you need.

### Ramp Length Guide

Step height/level difference (up to)	Length at 1:6	Length at 1:8	Length at 1:12
10cm (4")	60cm (2')	80cm (2' 7")	120cm (3' 11")
15cm (6")	90cm (2' 11")	120cm (3' 11")	180cm (5' 11")
20cm (8")	120cm (3' 11")	160cm (5' 3")	240cm (7' 10")
25cm (10")	150cm (4' 11")	200cm (6' 7")	300cm (9' 10")
30cm (1')	180cm (5' 11")	240cm (7' 10")	360cm (11' 10")
45cm (1' 6")	270cm (8' 10")	360cm (11' 10")	540cm (17' 9")
60cm (2')	360cm (11' 10")	480cm (15' 9")	720cm (23' 7")

## Gradient/Slope

1:6 (10°)



Acceptable in some cases for assisted access and powered wheelchairs.

1:8 (8°)



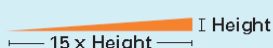
A good balance between gradient and space use, suited for events etc.

1:12 (5°)



Often required by social services/local authorities. Minimum required Building Regs Doc M for installed ramps.

1:15 (4°)



Sometimes required by social services/local authorities for independent access.