

# ultralight-combi™

## Instructions for use

**Product codes:** PC21-3, PC28-3, PCW21-3, PCW28-3

**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 and retain all packaging.
- Ensure the ramps have not been damaged in transit or storage. The ramps should extend and fold together smoothly and easily.
- Carefully read the instructions and warning texts before using ramps. Keep instructions for reference.
- Ensure the surface at both levels is firm, stable and able to bear the intended load.
- On each ramp, you will find a label showing the maximum permitted load. The maximum load is for a pair of ramps. This means a pair of ramps may carry the marked weight provided that the load is equally spread between the ramps. The maximum capacity is marked like this: **xxx kg/pair**

### To deploy

1. Put the ramps on the ground with the lock upwards. Release the lock (pic 1). Fold out the foldable section and pull the telescopic section out to suitable length. Place the ramps with the top lips steady on the upper level. Under each top lip there is a strip of rubber to keep the ramps in position.
2. The distance between the ramps should be adjusted so that the wheels of the wheelchair are in the centre of each ramp.
3. Ensure the ramps do not become dislodged in use. Check ramps are firmly located and stable each time they are used. Take care when using the ramps, so that no part of the wheelchair catches and moves the ramps.
4. To carry the ramp, use both handles (pic. 2).

### Maintenance

- The maximum length of each ramp is restricted by built-in stops. If these are damaged, the ramps should not be used.
- If the ramps become damaged or slippery in any way, they should not be used (contact supplier/manufacturer).
- 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.

### Recycling

- For disposal of these products, please liaise with a metals recycling contractor.
- All the materials in the ramps are 100% recyclable. Detach all plastic detail and send these for recycling of hard plastic details.

### Warranty

- 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.



Picture 1



Picture 2



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Tel: 01506 412791 Website: <https://esl-services.co.uk>

**For technical support or details on your nearest stockist please call 01506 412791**

### Key Product Information

Code (Pair)	Length				Capacity (Pair)	Weight (Each Half)	Stored Dimensions L x W x D
	Max	Min	Telescopic Section	Hinged Section			
<b>Width (Internal Channel): 19cm (8ins) Kerb Height: 5cm (2ins)</b>							
PC21-3	207cm (6ft 9ins)	150cm (4ft 11ins)	132cm (52ins)	75cm (30ins)	350kg (55st)	6.5kg (14lbs)	76 x 23.5 x 13cm (30 x 9 x 5ins)
PC28-3	276cm (9ft 1ins)	200cm (6ft 7ins)	176cm (69ins)	100cm (39ins)	300kg (47st)	8.4kg (19lbs)	102 x 23.5 x 13cm (40 x 9 x 5ins)
<b>Width (Internal Channel): 25cm (10ins) Kerb Height: 5cm (2ins)</b>							
PCW21-3	204cm (6ft 8ins)	152cm (5ft)	128cm (50ins)	76cm (30ins)	350kg (55st)	8.2kg (18lbs)	78 x 29.2 x 13cm (31 x 11 x 5ins)
PCW28-3	294cm (9ft 8ins)	212cm (6ft 11ins)	188cm (74ins)	106cm (42ins)	300kg (47st)	10.9kg (24lbs)	108 x 29.2 x 13cm (43 x 11 x 5ins)

### IMPORTANT INFORMATION

#### When using Ultralight-Combi ramps to bridge thresholds

- DO NOT SUPPORT THE RAMP ON THE HINGED SECTION
- The ramp must be supported on the telescopic section side of hinge



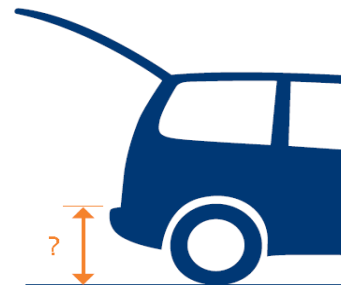
Support

### Gradient/Slope

<b>1:6 (10')</b>		Acceptable in some cases for assisted access and powered wheelchairs.
<b>1:8 (8')</b>		A good balance between gradient and space use, suited for events etc.
<b>1:12 (5')</b>		Often required by social services/local authorities. Minimum required Building Regs Doc M for installed ramps.
<b>1:15 (4')</b>		Sometimes required by social services/local authorities for independent access.

### 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")