

GANGWAYS FOR DISABLED PEOPLE

	Page
Gangways, decking of press welded grating	98 - 101
Gangways, decking of aluminium grating	102 - 103
Gangways, decking of slit grating	104 - 105



GANGWAYS, DECKING OF PRESS WELDED GRATING



Weland gangways for disabled people are manufactured with decking of grating. Grating lets through dirt, water and snow. Gangways are supplied in lengths of 3 and 6 metres and widths of 900 alt. 1300 mm. Gangways are supplied in loose parts for easy assembly on site. All steel parts are as standard hot dip galvanized.

Standardised Modules are stocked in lengths of 3 and 6 metres and widths of 900 alt. 1300 mm. The slope of the gangway is adjustable, but must be kept within 1:12. If gangway sections exceed 6 m length, a rest landing must be added.

Stringers are manufactured from flats 150 x 8 mm having holes for bolting landings and supports. Stringers are manufactured with or without railing. Baustrades are manufactured from steel tubes 33.7 mm dia. x 3.25 mm. The height is 900 mm. Stringers are manufactured for right hand side alternatively left hand side arrangement, i.e. a right side stringer is placed on the right hand side when walking upwards.

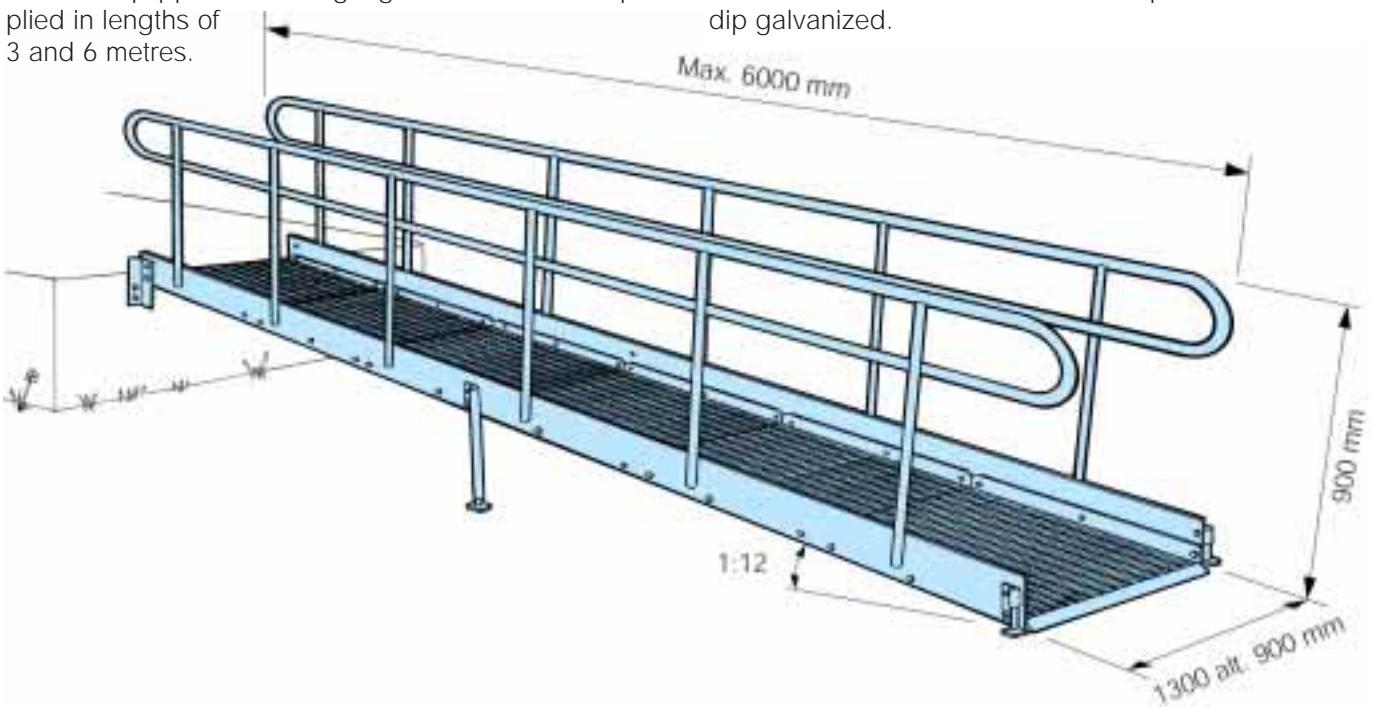
Handrails. If a gangway is arranged alongside a wall, it can be manufactured with a railing on one side and a handrail bolted against the wall on the other. Handrails are manufactured from tube 33.7 mm dia. x 3.25 mm and are equipped with fixing lugs. Handrails are supplied in lengths of 3 and 6 metres.

Decking is manufactured from type N9 grating with 13 x 92 mm mesh size. Width 900 and 1300 mm, length 1000 mm. The bottom section of the gangway is provided with a drive-on plate.

Leg Supports are required every third metre. They are manufactured from steel tube 42.4 mm dia. x 3.25 mm. The bottom end of the support is provided with a threaded bushing. A base plate with a welded-on threaded tube that fits into the threaded bushing and thus gives ± 30 mm height adjustment. Supports are manufactured in lengths of 45, 350, 600 and 1000 mm. Cutting to the required length on site.

Fixing angles for bolting the gangway into place are manufactured from 4 mm steel sheet to dimensions 115 x 50 x 300 mm. Fixing angles are manufactured for right hand resp. left hand side fixing. For increased stability the fixing angle can be combined with leg supports.

Surface treatment. All steel components are hot dip galvanized.



KOMPLETTE GANGWAYS



Railing both sides

Dimensions	Part no.	Weight
3000 x 900 mm	17430911	215 kg
6000 x 900 mm	17460911	431 kg
3000 x 1300 mm	17431311	259 kg
6000 x 1300 mm	17461311	518 kg



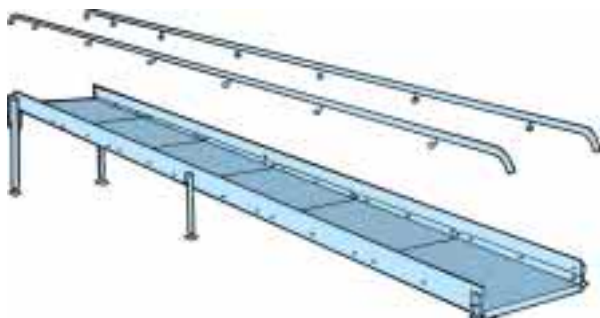
Railing one side + handrail

Dimensions	Part no.	Weight
3000 x 900 mm	17430921	201 kg
6000 x 900 mm	17460921	402 kg
3000 x 1300 mm	17431321	244 kg
6000 x 1300 mm	17461321	489 kg



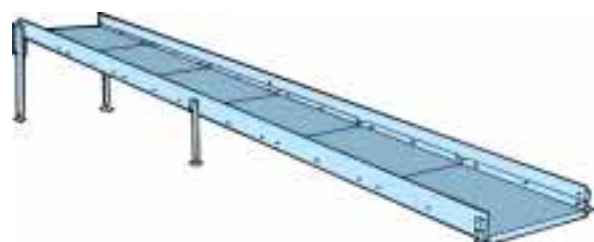
Railing one side only

Dimensions	Part no.	Weight
3000 x 900 mm	17430901	192 kg
6000 x 900 mm	17460901	386 kg
3000 x 1300 mm	17431301	236 kg
6000 x 1300 mm	17461301	473 kg



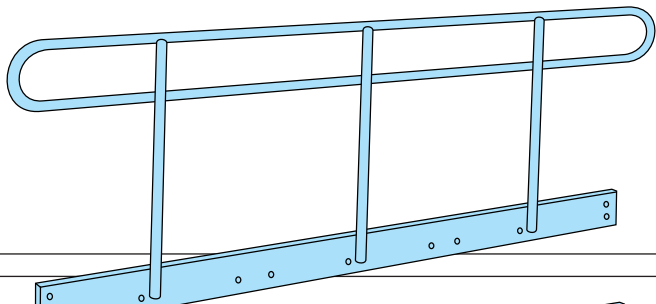
Handrail both sides

Dimensions	Part no.	Weight
3000 x 900 mm	17430922	185 kg
6000 x 900 mm	17460922	372 kg
3000 x 1300 mm	17431322	229 kg
6000 x 1300 mm	17461322	459 kg



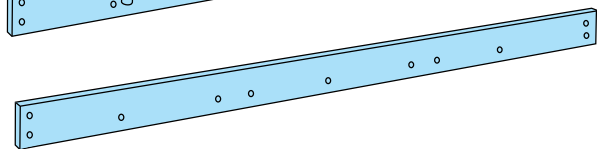
Excluding railing and handrail

Dimensions	Part no.	Weight
3000 x 900 mm	17430900	170 kg
6000 x 900 mm	17460900	341 kg
3000 x 1300 mm	17431300	214 kg
6000 x 1300 mm	17461300	428 kg



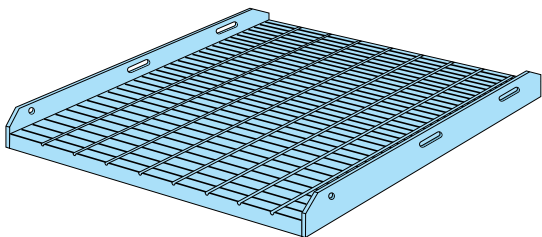
Stringer with railing

Length	Part no.	Weight
3000 mm (left side)	1741503101	52,2 kg
3000 mm (right side)	1741503111	104,2 kg
6000 mm (left side)	1741506101	52,2 kg
6000 mm (right side)	1741506111	104,2 kg



Stringer without railing

Length	Part no.	Weight
3000 mm	1741503001	29,7 kg
6000 mm	1741506001	59,3 kg



Decking

Size	Part no.	Weight
900 x 1000 mm	174091001	35,7 kg
1300 x 1000 mm	174131001	50,1 kg
900 x 1000 mm (with drive-on plate)	174091011	36,7 kg
1300 x 1000 mm (with drive-on plate)	174131011	51,4 kg



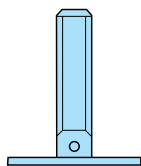
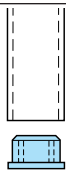
Handrails

Length	Part no.	Weight
3000 mm	17431	7,7 kg
6000 mm	17461	15,5 kg



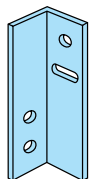
Support Legs

Length	Part no.	Weight
45 mm left side	174004501	0,4 kg
45 mm right side	174004511	0,4 kg
350 mm left side	174035001	1,4 kg
350 mm right side	174035011	1,4 kg
600 mm left side	174060001	2,2 kg
600 mm right side	174060011	2,2 kg
1000 mm left side	174100001	3,5 kg
1000 mm right side	174100011	3,5 kg



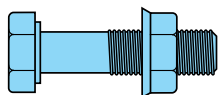
Threaded Socket and Base Plate

Name	Part no.	Weight
Threaded socket	174251	0,1 kg
Base Plate	17410101	0,5 kg



Fixing Angles

Dimensions	Part no.	Weight
115x50x300 mm (left side)	1740301	1,7 kg
115x50x300 mm (right side)	1740311	1,7 kg



Bolt Kit

For gangway	Part no.
3 m gangway (railing both sides)	174300002
3 m gangway (balustrade one side+handrail)	174300001
6 m gangway (railing both sides)	174600002
6 m gangway (balustrade one side+handrail)	174600001

STANDARD TYPE LANDING



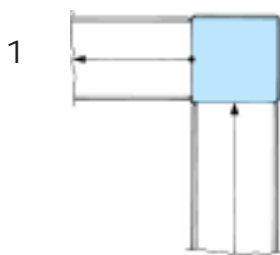
Railing		
Length	Part no.	Weight
1500 mm	174150	15,0 kg
1100 mm	174110	12,5 kg

Railing (angled arrangement)		
Dimensions	Part no.	Weight
1500 x 1500 mm	174150150	29,0 kg
1100 x 1100 mm	174110110	25,0 kg

Support Legs		
Length	Part no.	Weight
600 mm	1740600	2,2 kg
1000 mm	1741000	3,5 kg

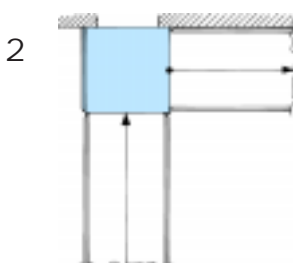
Substructure incl. Grating		
Dimensions	Part no.	Weight
1510 x 1510 mm	174151151	179 kg
1110 x 1110 mm	174111111	112 kg

ORDERING EXAMPLES



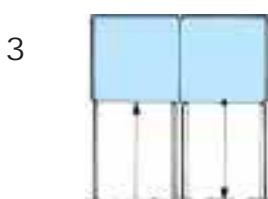
Example 1. 900 mm wide gangway with 90 degrees turn, no adjacent walls

1 off deck 174111111
 1 off railing 174110110
 4 off supports 1741000 (alt. 1740600)



Example 2. 1300 mm wide gangway with 90 degrees turn, one side of landing fixed to wall

1 off deck 174151151
 1 off railing 174150
 2 off supports 1741000 (alt. 1740600)



Example 3. 1300 mm wide gangway with 180 degrees turn, no adjacent walls

2 off deck 174151151
 2 off railing 174150150
 6 off supports 1741000 (alt. 1740600)



Example 4. 900 mm wide gangway with one rest landing continuing straight forward. Landing can be fixed to wall.

1 off deck 174111111
 1 off railing 174110
 2 off supports 1741000 (alt. 1740600)

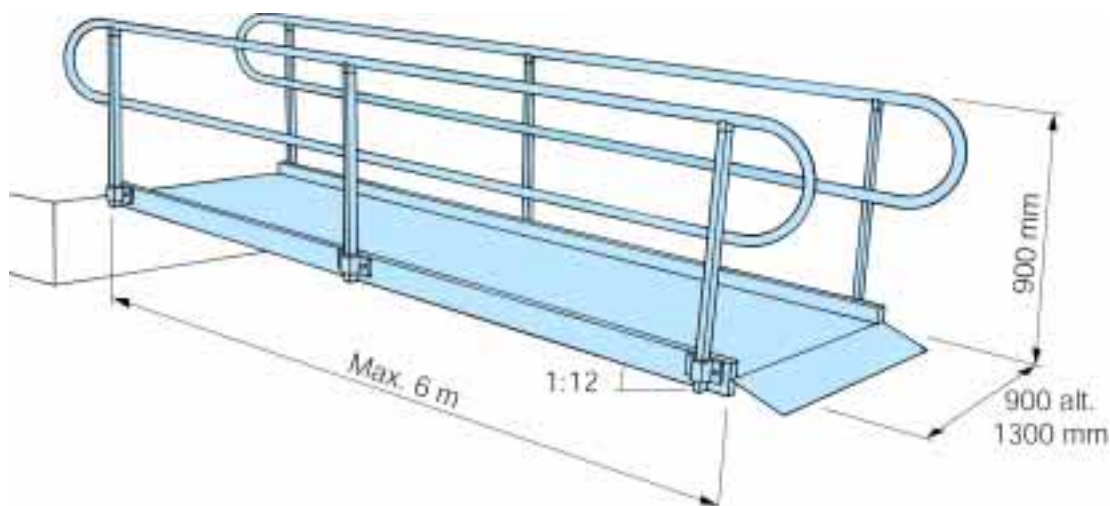
ALUMINIUM GANGWAYS



Weland gangways for disabled people are manufactured from extruded aluminium profiles and are supplied in lengths of 3 and 6 metres. The gangway has low weight, is strong and easily assembled. Thanks to its low weight the gangway can also be used for temporary applications and be removed to another place.

Summary of building regulations

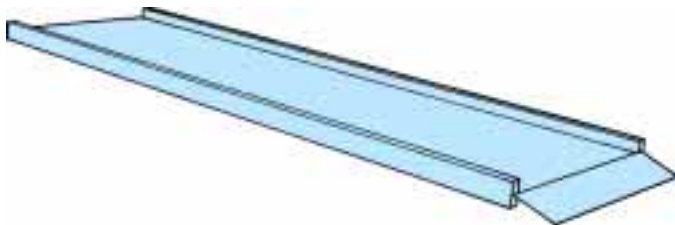
- All buildings with access to the public must be provided with at least one entrance without stairtreads.
- The width of the gangway must be minimum 1300 mm (900 mm within and to flat).
- The length of the gangway not to exceed 6 metres. Longer gangways have to be provided with a rest landing every 6 metres.
- The slope of the gangway not to exceed 1:12.



Gangway with intermediate balusters painted in black



Gangway with landing, handrail fixed to wall



Gangways

Dimensions	Part no.	Weight
3000 x 900 mm	103090	60 kg
3000 x 1300 mm	103013	76 kg
6000 x 900 mm	106090	112 kg
6000 x 1300 mm	106013	145 kg



Railing, standard

Length	Part no.	Weight
3000 mm left side	10V3001	8 kg
3000 mm right side	10H3002	8 kg
6000 mm left side	10V6001	16 kg
6000 mm right side	10H6002	16 kg



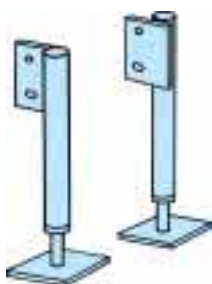
Railing, cross bar design

Length	Part no.	Weight
3000 mm left side	10V3003	15 kg
3000 mm right side	10H3004	15 kg
6000 mm left side	10V6003	31 kg
6000 mm right side	10H6004	31 kg



Handrail

Length	Part no.	Weight
3000 mm (3 fastener)	703000	2,7 kg
6000 mm (5 fastener)	706000	5,4 kg



Support Legs (kit right side/left side)

Length	Part no.	Weight
45 mm	1000045	1,0 kg
350 mm	1000350	2,0 kg
600 mm	1000600	2,8 kg
1000 mm	1001000	4,1 kg

GANGWAYS, DECKING OF SLIT GRATING

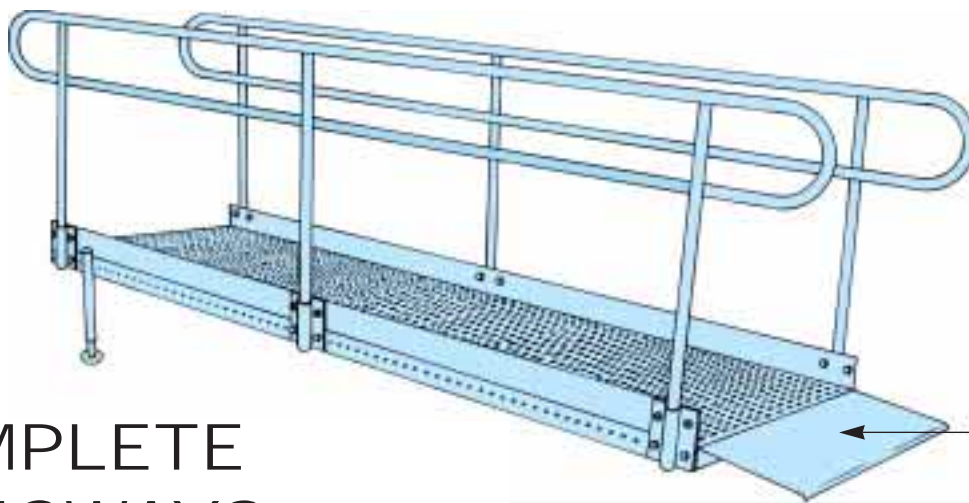


Gangway manufactured with decking of serrated non-slip slit grating. Slit grating is manufactured in planks and is thus easily handled even if the planks are very long.

Gangways are manufactured in lengths of 3, 4 and 6 metres and are supplied in widths of 900 resp. 1300 mm.

Gangway can be supplied with or without railing and handrails or in combinations of these.

All components are hot dip galvanized.



Drive-on resp. drive-off plate manufactured from checker plate

COMPLETE GANGWAYS

Railing both sides

Dimensions	Part no.	Weight
3000 x 900 mm	FH 30091	175 kg
4000 x 900 mm	FH 40091	225 kg
6000 x 900 mm	FH 60091	315 kg
3000 x 1300 mm	FH 30131	196 kg
4000 x 1300 mm	FH 40131	254 kg
6000 x 1300 mm	FH 60131	360 kg

Handrail both sides

Dimensions	Part no.	Weight
3000 x 900 mm	FH 30094	127 kg
4000 x 900 mm	FH 40094	162 kg
6000 x 900 mm	FH 60094	240 kg
3000 x 1300 mm	FH 30134	151 kg
4000 x 1300 mm	FH 40134	194 kg
6000 x 1300 mm	FH 60134	288 kg

Railing one side + handrail

Dimensions	Part no.	Weight
3000 x 900 mm	FH 30092	150 kg
4000 x 900 mm	FH 40092	192 kg
6000 x 900 mm	FH 60092	275 kg
3000 x 1300 mm	FH 30132	174 kg
4000 x 1300 mm	FH 40132	224 kg
6000 x 1300 mm	FH 60132	324 kg

Excluding railing and handrail

Dimensions	Part no.	Weight
3000 x 900 mm	FH 30095	109 kg
4000 x 900 mm	FH 40095	140 kg
6000 x 900 mm	FH 60095	206 kg
3000 x 1300 mm	FH 30135	133 kg
4000 x 1300 mm	FH 40135	172 kg
6000 x 1300 mm	FH 60135	254 kg

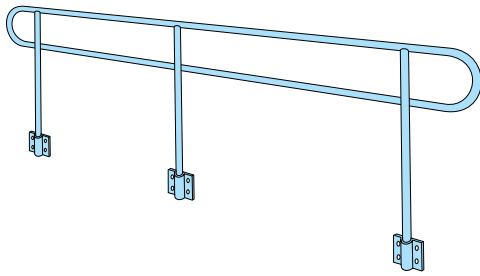
Railing one side only

Dimensions	Part no.	Weight
3000 x 900 mm	FH 30093	141 kg
4000 x 900 mm	FH 40093	181 kg
6000 x 900 mm	FH 60093	259 kg
3000 x 1300 mm	FH 30133	165 kg
4000 x 1300 mm	FH 40133	213 kg
6000 x 1300 mm	FH 60133	307 kg



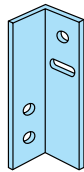
Rest Landings

Dimensions	Part no.	Weight
900 x 1000 mm	FHV 10090	21 kg
1300 x 1000 mm	FHV 10130	30 kg



Railing

Length		Part no.	Weight
3000 mm	right side	FHR 30001	31 kg
3000 mm	left side	FHR 30002	31 kg
4000 mm	right side	FHR 40001	38 kg
4000 mm	left side	FHR 40002	38 kg
6000 mm	right side	FHR 60001	50 kg
6000 mm	left side	FHR 60002	50 kg



Fixing Angles

Dimensions	Part no.	Weight
115 x 50 x 300 mm (right side)	FHF 10001	1,7 kg
115 x 50 x 300 mm (left side)	FHF 10002	1,7 kg



Support Legs

Length		Part no.	Weight
45 mm	right side	FHS 10451	0,4 kg
45 mm	left side	FHS 10452	0,4 kg
350 mm	right side	FHS 13501	1,4 kg
350 mm	left side	FHS 13502	1,4 kg
600 mm	right side	FHS 16001	2,2 kg
600 mm	left side	FHS 16002	2,2 kg
1000 mm	right side	FHS 110001	3,5 kg
1000 mm	left side	FHS 110002	3,5 kg



Threaded Socket and Base Plate

Name	Part no.	Weight
Threaded socket	FHG 20001	0,1 kg
Base plate	FHG 20002	0,5 kg



Handrail

Length		Part no.	Weight
3000 mm	(3 fasteners)	FHL 13000	8 kg
4000 mm	(4 fasteners)	FHL 14000	10 kg
6000 mm	(6 fasteners)	FHL 16000	15 kg

LANDINGS



Landings

Dimensions	Part no.	Weight
1300 x 1300 mm	FHP 13013	45 kg
1500 x 1300 mm	FHP 15013	53 kg
1500 x 1500 mm	FHP 15015	61 kg



Railing

Dimensions	Part no.	Weight
1300 mm	FHR 13001	12 kg
1500 mm	FHR 15001	14 kg