Weight list, Hot-dip galvanised products

In order to simplify the practical work involved in using our EPDs, weight information for the constituent products is given below. Weight information for grating is given in a separate weight list that can be found on weland.com. By EPD-certifying our products, we create transparency and help our customers actively make climate-smart choices.

Spiral staircase



Standard railing with standard landing

Radius	Weight	Example height 3000 mm		
Radius 1000 mm. Grating. Hot-dip galv.	133 kg/metre of products	16 step heights	incl. landing	399 kg
Radius 1200 mm. Grating. Hot-dip galv.	158 kg/metre of products	17 step heights	incl. landing	475 kg



Round bar railing with standard landing

Radius	Weight	Example height 3000 mm		
Radius 1000 mm. Grating. Hot-dip galv.	150 kg/metre of products	16 step heights	incl. landing	450 kg
Radius 1200 mm. Grating. Hot-dip galv.	177 kg/metre of products	17 step heights	incl. landing	531 kg

Spiral staircase JOS



All railings with standard landing

Radius	Weight	Example height 3000 mm		
Radius 1000 mm. Perforated grip plate. Hot-dip galv.	93 kg/metre of products	16 step heights	incl. landing	280 kg
Radius 1200 mm. Perforated grip plate. Hot-dip galv.	111 kg/metre of products	17 step heights	incl. landing	333 kg

Straight flight staircase



Railing, Intermediate Rail, Width 1000 mm

Railing	Weight	Example height 3000 mm		
Railing, one side. Grating. WUC170/3. Hot-dip galv.	84 kg/metre of products	16 step heights	excl. landing	261 kg
Railing, one side. Grating. WUC170/3. Hot-dip galv.	104 kg/metre of products	16 step heights	incl. landing	314 kg
Railing, two sides. Grating. WUC170/3. Hot-dip galv.	98 kg/metre of products	16 step heights	excl. landing	294 kg
Railing, two sides. Grating. WUC170/3. Hot-dip galv.	118 kg/metre of products	16 step heights	incl. landing	355 kg

Multi-turn staircase

Railing, two sides. Grating. WUC170/3. Hot-dip galvanised Weight: 239 kg/height metre. Example height 6000 mm: 4 staircase flights 28 rises & 4 turning areas. Landing dimensions 2300 x 1000 mm. Railing around landings Incl. support legs, 2 x L6000 mm, 1 x L4500 mm. Weight: 1439 kg



Railing, Round bar, Width 1000 mm

Railing	Weight	Example height 3000 mm		
Railing, one side. Grating. WUC170/3. Hot-dip galv.	95 kg/metre of products	16 step heights	excl. landing	284 kg
Railing, one side. Grating. WUC170/3. Hot-dip galv.	115 kg/metre of products	16 step heights	incl. landing	345 kg
Railing, two sides. Grating. WUC170/3. Hot-dip galv.	114 kg/metre of products	16 step heights	excl. landing	347kg
Railing, two sides. Grating. WUC170/3. Hot-dip galv.	140 kg/metre of products	16 step heights	incl. landing	420 kg

Multi-turn staircase

Railing, two sides. Grating. Incl. landings WUC170/3. Hot-dip galvanised Weight: 279 kg/height metre. Example height 6000 mm: 4 staircase loops 28 rises & 4 turning areas. Landing dimensions 2300 x 1000 mm. Railing around landings Incl. support legs, 2 x L6000 mm, 1 x L4500 mm. Weight: 1674 kg.

Gangway Flex



Width 1000 mm. Grating H625, hot-dip galv.

Railing

Excl. railing. Incl. support leg 350 mm.
Railing, Intermediate Rail one side. Incl. support leg 350 mm.
Railing, Round Bar 1 side Incl. support leg 350 mm.

Weight	Example Length 3000 mm
24 kg/length metre	73 kg
33 kg/length metre	99 kg
41 kg/length metre	123 kg



Railing, Intermediate Rail



Railing, Round Bar

Wheelchair ramps

Railing, Standard, Grating N6, Width 1300 mm



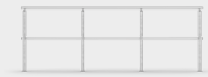
Railing	Weight	Example Ramp Length 6000 mm
Railing on two sides. Incl. support leg.	62 kg/length metre	Excl. landing 373 kg
Railing on two sides. Incl. support leg.	70 kg/length metre	Incl. landing 1510x2000 mm 562 kg

Sectional railing

Railing height 1100 mm



Railing	Weight	Example L=4000 + 2000 mm
Intermediate Rail	8.6 kg/length metre	Incl. a corner 53 kg
Round bar (childproof)	16.6 kg/length metre	Incl. a corner 105 kg



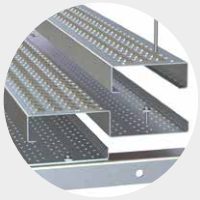
Railing, Intermediate Rail



Railing, Round Bar

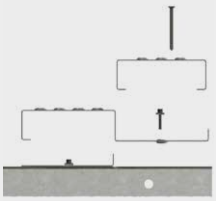
Fire extinguish gratings

Fire extinguish gratings incl. profile and support legs

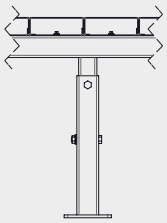


Example configuration

2 sections (A), dimensions 4 × 8 m. 1 compartment (B), dimensions 1 × 8 m.
Angle bar seating profiles L50 × 50 × 3, bolted to concrete.
Support line made of support beam 60 × 60 × 3, incl. support legs for compartment A.
Total weight of the standard unit: 3,513 kg.
Weight per square metre: 48.9 kg/m².



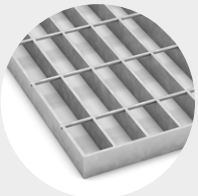
Angle bar seating- and base frame profile



Support leg

Gratings

Gratings



Example configuration

H6 30/2 (standard product) with edge bar. Mesh widths, c/c 34 × 75 mm. Height: 30 mm.
15 pcs, dimensions 1200 × 1000 mm. Weight: 19.6 kg/pc, 294 kg for 15 pcs, or 16.3 kg/m²*.
For weight per m², see the weight list.

* Grating weight varies depending on mesh widths and height.