

Vertical bar fence



Green

Beautiful

Competitively priced

The new standard in vertical bar fencing



Grence

To redefine the standards regarding sustainability and price, we have chosen to further develop our range of bar fences. This has resulted in Grence, a new generation of vertical bar fencing based on the Heracles and Atlas designs. Grence is green, elegant and sharply priced. It also represents uncompromising quality. Our clever production method, using the Heras Stent Technology, means that Grence blends in perfectly with Heras' ambition to lead the way in climate-aware business operations. And of course, Grence is also highly suitable for use with detection systems, such as our Electric Fence.

Investing in a Heras fence is investing in the look and security of your grounds. Our products always form part of a total security solution: uncompromising quality, with due attention to sustainability and attractively priced. If you have any questions about this product, or if you would like further advice on our other security solutions or details, then your Heras contact will be pleased to help you!



Heras Climate Aware

As the market leader, we take our responsibilities seriously by investing extensively in climate-proof business operations. Through the Heras Climate Aware programme, which was introduced in 2010, we have committed ourselves to significantly reducing our energy consumption and waste flows and to decrease Heras' production-related CO₂ emissions by 2% every year until 2020. And this has been quite successful so far. For example, we are the first company in our industry to have received the **Dutch CO₂ Aware Certificate at Level 5**. However, climate friendly business management is a continuous process. Our climate policy is a fully fledged constituent of our overall corporate policy. Continuous development and innovation help us achieve a structurally better climate performance. And by introducing Grence, we want to take another important step forward in this field, together with our customers.



Unique production method (Heras Stent Technology)

'Stent Technology' is a revolutionary new production process used by Heras where, in the Atlas design, the bars are slightly inflated after sliding them through the holes in the top and bottom rails to secure them. The Heracles design combines this technology with the "Twist Lock" system where the bars are locked solid in the top rail. Thanks to these technologies, welding is no longer necessary and that opens the way for efficient and environmentally friendly production. This has enabled us to make Grence greener, more attractive, and more competitively priced than any comparable fence.

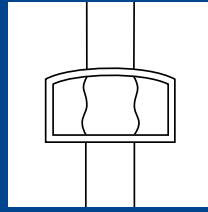




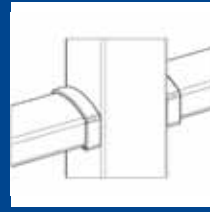
High element (with a serrated strip)



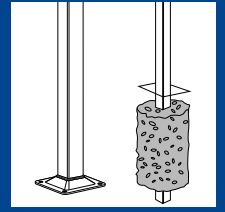
Low element (without a serrated strip)



Cross-section of bar / rail (stent technology)



Intermediate post connection



Anchoring

Technical specifications for Grence Heracles

Type	Fence height	Bar diameter	Length of post	Serrated strip
Grence type Heracles 100	1.000	26	1.900	No
Grence type Heracles 125	1.250	26	2.150	No
Grence type Heracles 150	1.500	26	2.400	No
Grence type Heracles 180	1.800	26	2.800	Yes
Grence type Heracles 200	2.000	26	3.000	Yes

Dimensions in mm. Other dimensions upon request.

Colour schemes

Only with a coated finish. Standard coating, available as RAL 6005 (moss green), RAL 6009 (pine green), RAL 6014 (Heras green), RAL 7016 (anthracite grey), RAL 7030 (stone grey), RAL 9005 (black) and RAL 9010 (white). Other RAL colours on request.

Standard configuration

- Steel box section posts 60 x 60 mm
- The fence panels are connected to the posts using a blind connection
- Round bars (26 mm) secured by means of twist-lock and stent technologies
- The top and bottom rails are made of steel sections of 50 x 30 x 25 mm, rounded on one side
- The top of the post is finished with an aluminium cover
- Post extended and set in concrete, or post on a base plate
- The centre-to-centre distance of the posts is 2,360 mm
- The centre-to-centre distance of the bars is 132 and 150 mm

Coating

All galvanised and aluminium parts undergo chemical pre-treatment first and are then powder-coated electrostatically. After that, the coated materials are cured in an oven to create a durable coating with an average thickness of 80 µm and a hardness of 80 buchholz.

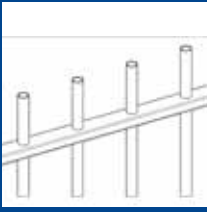
Options

- Slope panels (standard Heracles)
- Hanging panels for ditches (standard Heracles)
- Various anti-climb features
- Staggered assembly
- Modular system that can be expanded with fence detection systems such as Electric Fence

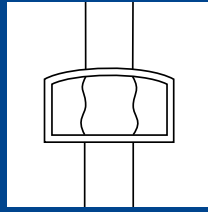
Support services

Of course, Heras can also be your partner for:

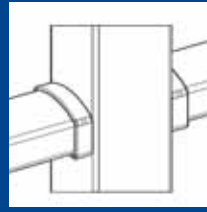
- Pruning vegetation
- Removing obstacles
- Removing asphalt / brick-type paving
- Repairing paving
- Removing pruning residues / demolition waste



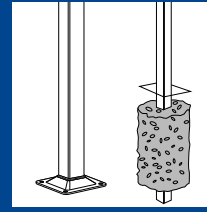
Element



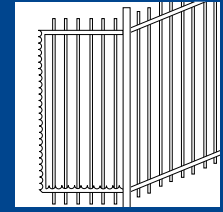
Cross-section bar / rail
(stent technology)



Intermediate post
connection



Anchoring



Hanging panel

Technical specifications for Grence Atlas

Type	Fence height	Length of post	Top of bar
Grence type Atlas 100	1.000	1.900	Straight (including covers)
Grence type Atlas 125	1.250	2.150	Straight (including covers)
Grence type Atlas 150	1.500	2.400	Straight
Grence type Atlas 180	1.800	2.800	Straight
Grence type Atlas 200	2.000	3.000	Straight
Grence type Atlas 250	2.500	3.500	Straight

Dimensions in mm | Other dimensions upon request

Colour schemes

Only with a coated finish. Standard coating, available as RAL 6005 (moss green), RAL 6009 (pine green), RAL 6014 (Heras green), RAL 7016 (anthracite grey), RAL 7030 (stone grey), RAL 9005 (black) and RAL 9010 (white). Other RAL colours on request.

Standard configuration

- Steel box section posts 60 x 60 mm
- The fence panels are connected to the posts using a blind connection
- Round bars (26 mm) protrude through the rails
- The top and bottom rails are made of steel sections of 50 x 30 x 25 mm, rounded on one side
- The tops of the posts are finished with aluminium covers
- Post extended and set in concrete, or post on a base plate
- The centre-to-centre distance of the posts is 2,360 mm
- The centre-to-centre distance of the bars is 132 and 150 mm

Coating

All galvanised and aluminium parts undergo chemical pre-treatment first and are then powder-coated electrostatically. After that, the coated materials are cured in an oven to create a durable coating with an average thickness of 80 µm and a hardness of 80 buchholz.

Options

- Slope panels (Atlas)
- Hanging panels for ditches (Atlas)
- Various anti-climb features
- Staggered assembly
- Modular system that can be expanded with fence detection systems such as Electric Fence

Support services

Of course, Heras can also be your partner for:

- Pruning vegetation
- Removing obstacles
- Removing asphalt / brick-type paving
- Repairing paving
- Removing pruning residues / demolition waste



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