

High-precision and efficient manufacturing

Customized wire solutions

Our ambition: **Your partner for excellence**

As skilled **specialist for wire technology**, we offer high-precision and efficient manufacturing **„Made in Germany“**.

With our professional staff we convince with high quality products, perfect service and unconditional reliability.

We build long-term cooperation with our suppliers and partner companies, characterized by fairness and mutual trust.

Always with the goal in mind: long-term satisfaction of our customers with the optimal wire solution.

Let's achieve more together.

MEETING ALL REQUIREMENTS

To help our customers achieve their goals, we have been constantly developing for 60+ years.



250+

qualified employees at 3 locations

31

welding machines in production

30.000 m²

production area

30.000+

tons of wire processed per year

55+ Mio €

Sales (2021)

1959

Deutenberg was founded

1962

WDM was founded

1993

Foundation of Midrahtec in Leisnig (Saxony)

2008

WDM: Entry into 3-dimensional production

2014

First-time handling of major projects for online retailers

2019

Expansion through acquisition of Midrahtec

2021

Merger of WDM and Deutenberg

today

With 31 CNC welding machines and three production sites, WDM Deutenberg is the largest wire mesh manufacturer in Europe

A flexible team that you can always rely on



Location Wolfshagen

Putlitzer Straße 8
16928 Gross Pankow



Location Ense

Auf den Geeren 22-24
59469 Ense

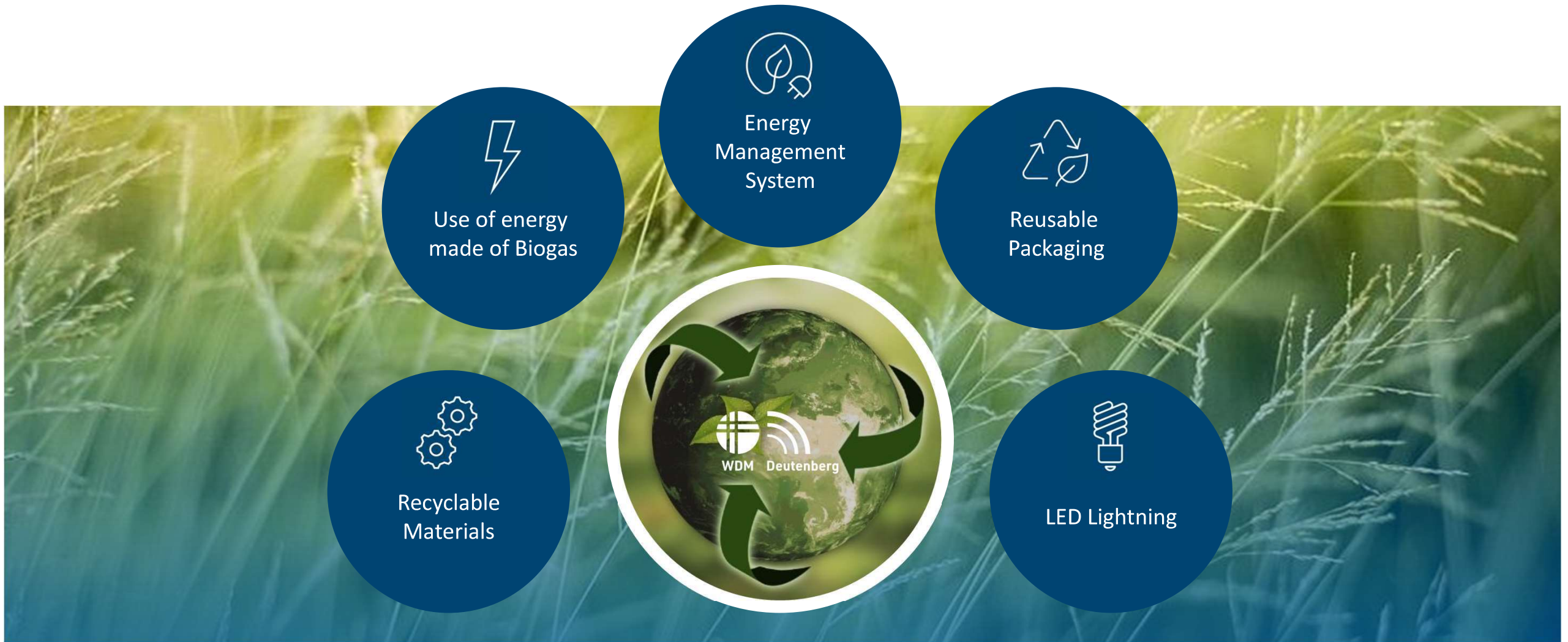


Location Leisnig

Gorschmitzer Weg 2c
04703 Leisnig



Sustainability



VALUE // WE HAVE THE OPTIONS – YOU HAVE THE CHOICE

The right solution for all purposes: Our modular product portfolio



PRODUCT TYPES

Industry and welded mesh

Wire baskets

Complete pull-out systems

Custom-made products

Gabion solutions

fences, baskets, noise protection

Grid systems

partition walls, frames, reinforcement, cages,
mats, shelf grids, Stainless Steel

MATERIALS

Raw / bare wires

Galvanized wires

Aluminium galvanized wires

Stainless Steel wires

MATERIAL STRENGTHS

The diameter of the wires ranges from 1.6 up to 12 mm

FINSIHING & ASSEMBLY

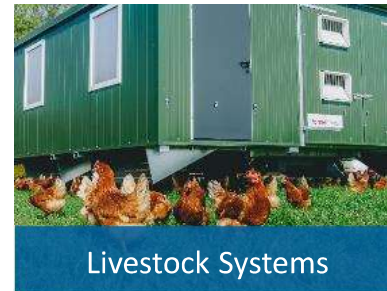
Surface finishing – coating - galvanizing
and assembly of components

Our core industries

Our products are manufactured using modern machines **with the highest accuracy and care.**

Our machinery includes CNC bending and CNC spot welding machines, as well as punching and other high-end machines.

We produce with an efficient usage of tooling and **therefore process wires effectively and economically** into complex technical wire articles.



VALIDATION // THE RESULTS SPEAK FOR THEMSELVES



Highest customer satisfaction in all industries and long-term trust are our hallmarks



”
From the offer to the delivery at the construction site we were able to rely on every statement of WDM Deutenberg GmbH.

Project Manager Gabions

”
We were convinced by the professional advice and the short leadtimes for our special solution.

Project Manager Gabions

Project Support

SCOPE

From the customer's request to the best-practice solution



Engineering

Project support for the customer's request; finding the best-practice solution



Offer

After finding the best possible solution, an detailed offer, including a drawing, is prepared



Sampling

Possible sampling; creation of a near-production-ready sample for serial production



Order Placement

Possible order placement after negotiation



Reconditioning

Constructive preparation for production with feedback and final approval of the customer

Preparation of all complete drawings, based on the offer and final samples, for serial production



Delivery

Just-in-time delivery; regular coordination with the project- or site manager to ensure a smooth progress

Diverse gabions portfolio for your requirements

DEBION® VARIO

- variable on-site adjustment on the desired size (using bolt cutters) , no additional interface sealing required
- simple assembly, even with staggered construction

DEBION® ATROX

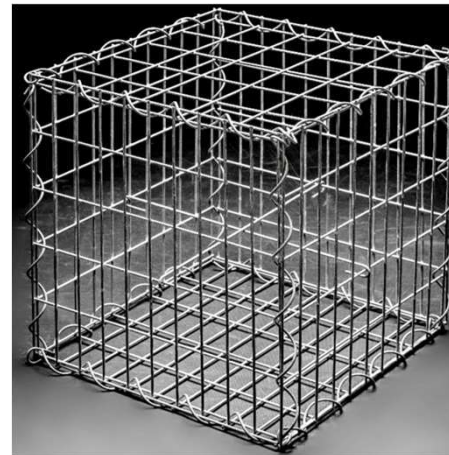
- increased strength in the connection compared to spiral gabions

DEBION® TERRA

- naturally greened composite body with compacted earth material
- individual production goods in two versions:
 - 1) elements fully folded on inner corners
 - 2) elements made of two individual mats (edge wire / loop)

DEBION® VARIO

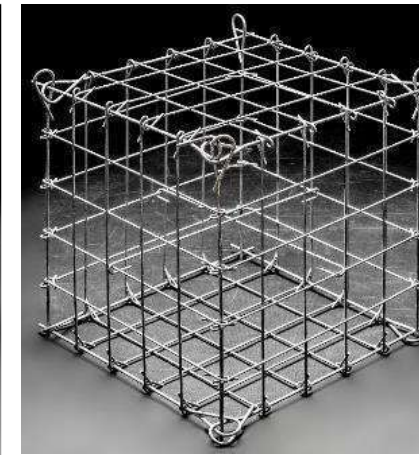
Edge wire- /
Spiral gabion



Flexible Adjustment

DEBION® ATROX

Loop- /
Pin bar gabion



Increased Strength

DEBION® TERRA

Reinforced Earth



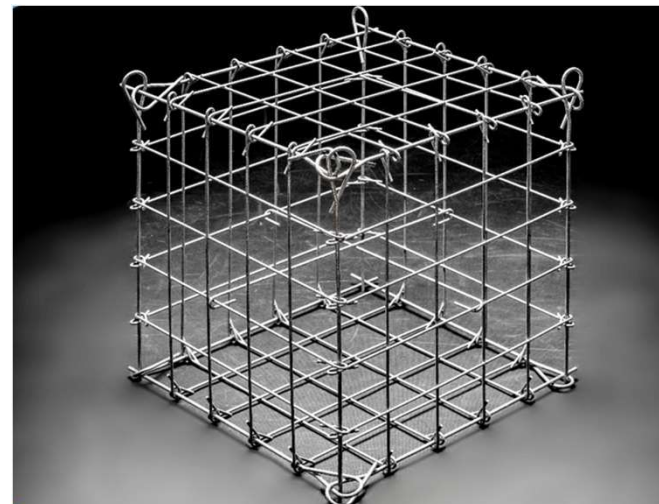
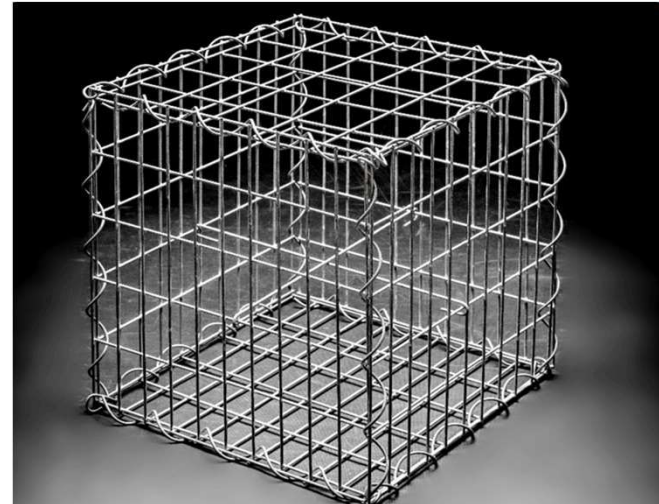
Naturally Greened

Facts and specifications of DEBION® VARIO & DEBION® ATROX

Specifications

- material: Zinc Aluminum coated wire
ca. 95% Zinc / 5% Aluminum
- strength coating: >350g/m²
- tensile strength: >500 N/mm²
- common wire Ø: 3,5 / 4,0 / 4,5 / 5,0 / 6,0 mm
- meshes: 50x50 / 50x100 / 100x100
- VARIO spiral: Ø 4,5 mm
- ATROX pin: Ø 6,0 mm
- distance holder: Ø 5,0 mm
- salt spray test: > **6000h** acc. to DIN EN ISO 9227
- expected service life: > 50 years (→ CE labelling)

→ alternative materials, as Stainless Steel etc,
wire Ø, meshes and others are possible

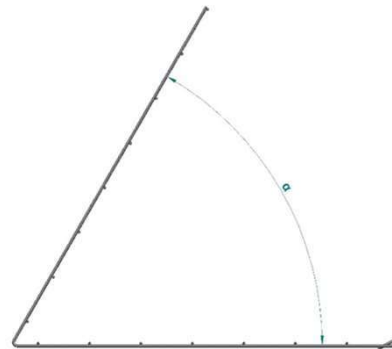


Facts and specifications of DEBION® TERRA – Reinforced Earth

Specifications

- harmonious solution for the landscape
 - increased erosion protection of the reinforced earth
 - cost efficiency through the use of local excavated soil
 - simple construction concept with fast construction time
 - 90° inclination angle possible
-
- n-site service: geofabric, structural analysis

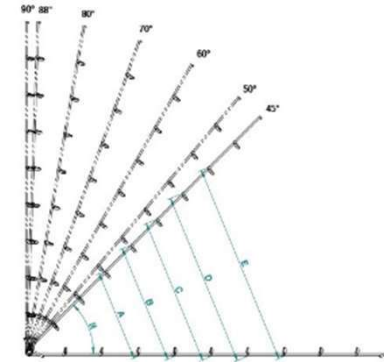
Version 1
Grids already bended
(loop/edge wire)



Advantages

- Fast construction time on-site
- Easy handling

Version 2
Two single grids
(loop)



Advantages

- Low volume
- Flexibility

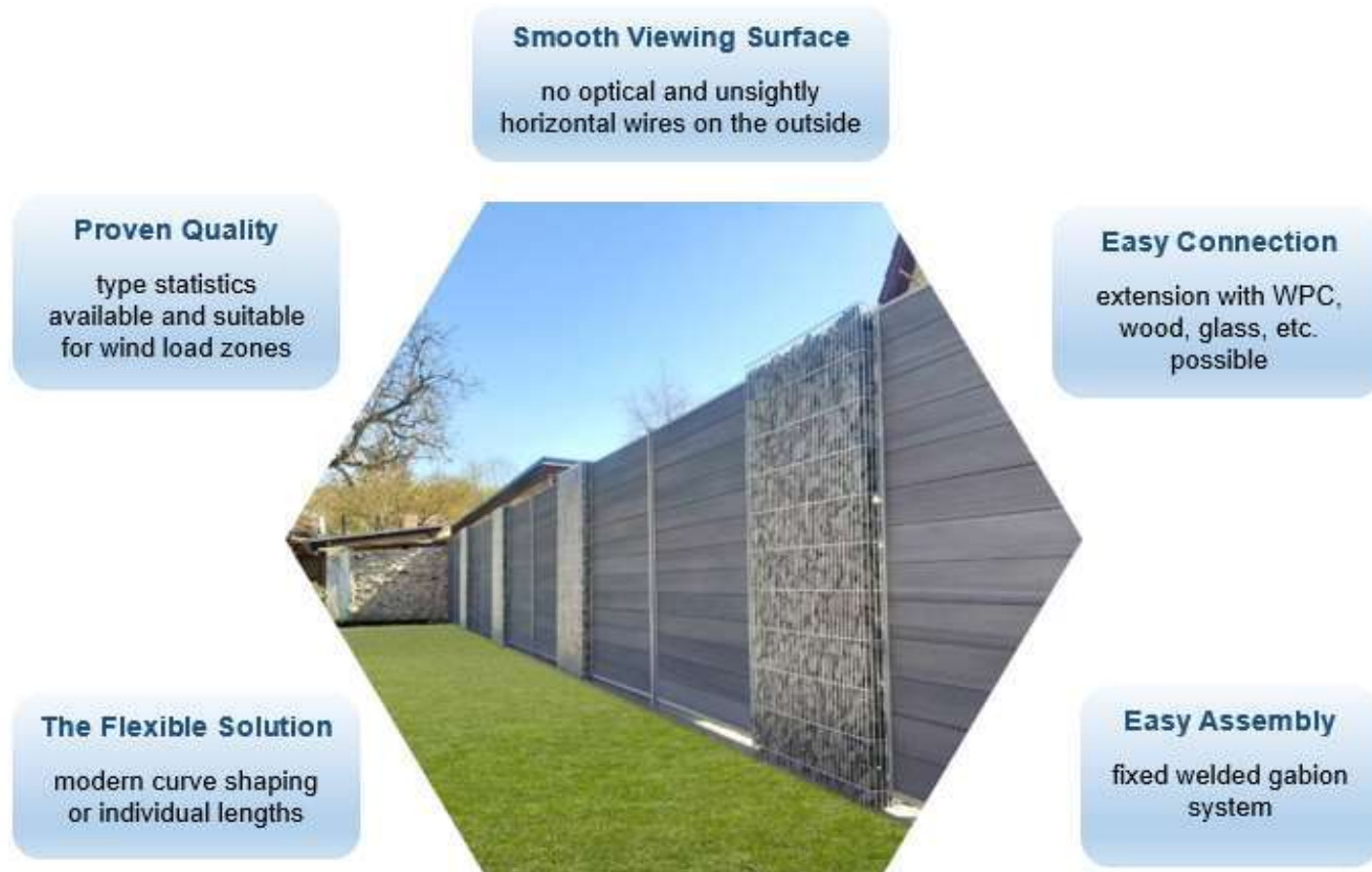


Facts and specifications of DEBION® STATIX 25 – Fence Gabion

A well thought-out privacy screen solution – slim, stable and elegant – the stone is in the foreground!

Specifications

- **stock items** two lengths: 1000 / 2000 mm
heights: 1000 mm - 2000 mm
- **three way assembly**
 - post for doweling
 - post in point foundation
 - gabion basket in strip foundation
- **specification** \varnothing 8,0 / 6,0 mm
mesh 50x200 mm
- **surface** raw + galvanized acc. to DIN



EXPERTISE // MORE THAN JUST PRIVACY SCREENS



Your competent and cooperative specialist, also for the implementation of large projects

REFERENCE EXAMPLE OF DEBION® VARIO

Vacation resort in Spain with high aesthetic standards

customized production for highest requirements

just in time delivery by WDM Deutenberg GmbH to construction site in Spain

project consulting by WDM Deutenberg GmbH due to extreme climate-related material requirements



EXPERTISE // MORE THAN JUST PRIVACY SCREENS



Your competent and cooperative specialist, also for the implementation of large projects

REFERENCE EXAMPLE OF DEBION® STATIX 25

Special production for exclusive housing estates

architectural specifications implemented by WDM Deutenberg program (standard and special)

short delivery times from stock (≤ 5 days)

DEBION® STATIX is compatible with WPC, wood, glass etc.; convertible with our accessories

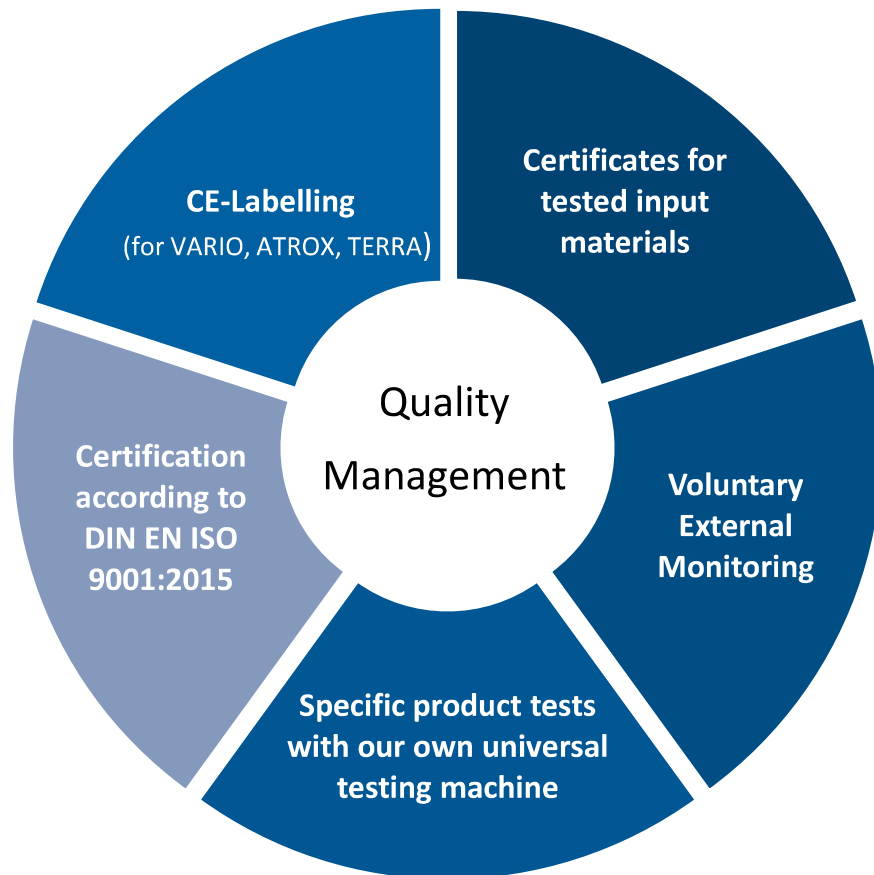


Why to use gabions like DEBION® VARIO / ATROX / TERRA

- installation quick and easy
- optimum securing of embankments, slopes and path construction as well as possible uses for landscaping
- ecologically sustainable (shelter for microorganisms) and natural drainage
- durable due to high weather resistance
- economical alternative to concrete walls
- various fillings are possible (sand, wood, glass, greening with plants), so that they can be integrated optimally into the landscape
- can be used as noise protection (with ground core)



High-quality, durable material - processing „Made in Germany“



TEST 1

Cut edges painted with corrosion protection (yellow-green),
no rust after 5.000 hours in salt spray



Result:

6.000 h

passed successfully in salt spray!

(3.000 h required according to DIN)

Our comprehensive range is unique on the market in terms of vertical integration and performance

Since our foundation, we have become the **largest wire mesh manufacturer in Europe**. Over 60 years of experience and dedication have sharpened our eye for the diverse requirements of our customers.

As your competent partner, we offer comprehensive solutions that make it easier than ever to find **the optimal wire solution for your needs**.

QUALITY

Highest quality requirements with certificates for tested input materials
Specific product tests with our own universal testing machine (200 kN)
High-quality gabion grids with salt spray test > 6.000 h (standard: 3.000 h)

KNOW HOW

Experience in the management of large projects

EFFICIENCY

Processing of large orders within the desired time frame, including short delivery times

RELIABILITY

Personal support and service

INNOVATION

Own engineering, including intellectual property rights such as utility model protection/patent

CUSTOMISATION

Customized production, starting from a batch size of 1

NETWORK

Benefits from synergy effects through our partner and company mergers