

Product catalogue

Beilharz Amphibian Protection Equipment

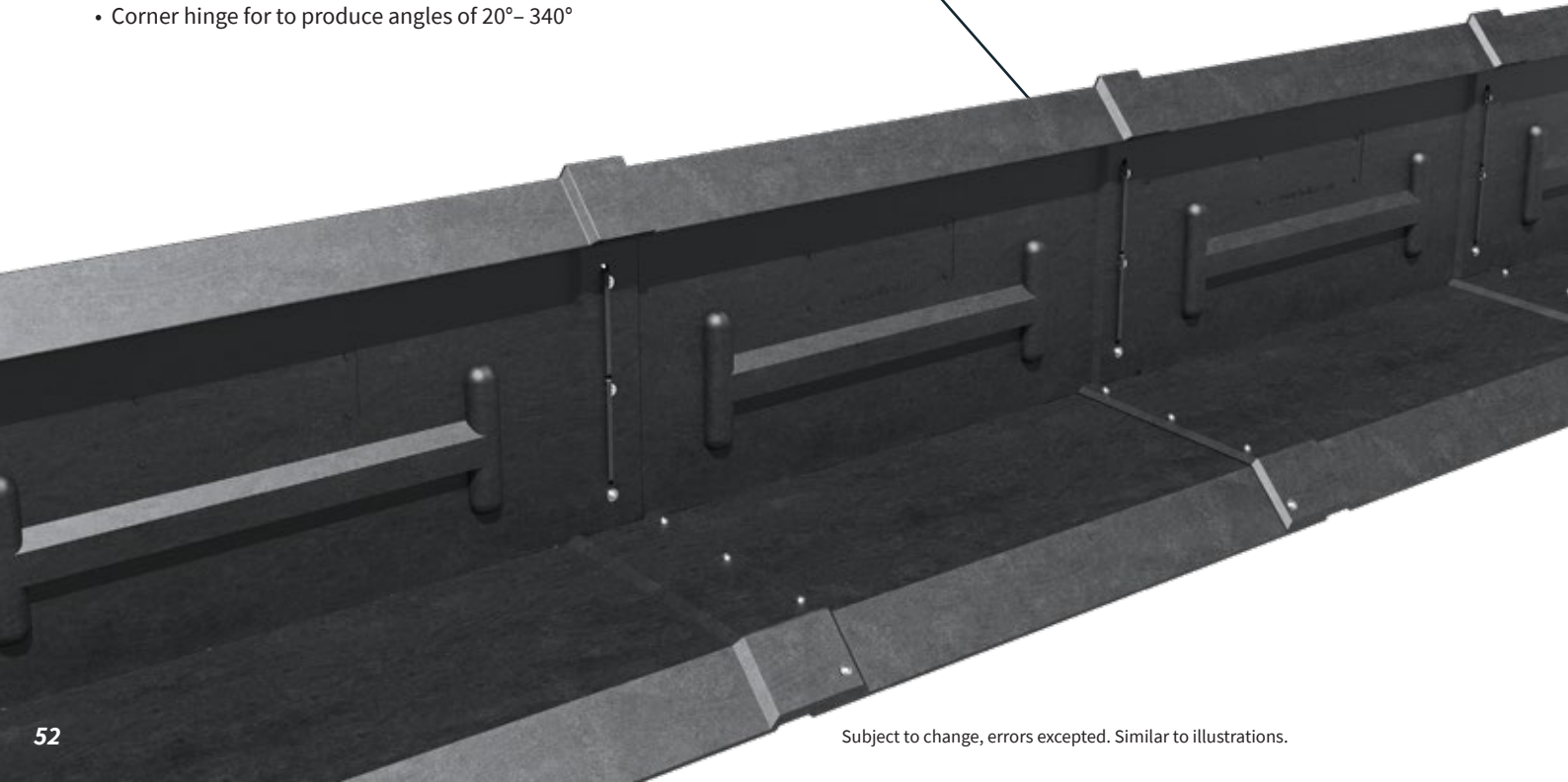
Stationary amphibian guide wall

Our contribution to animal sand species protection

Installation instructions can be found on beilharz.eu

Product properties

- 1-shape, vertical and horizontal reinforcement
- Dimensions 1,080 x 650 mm
- Installation dimensions 1,000 x 500 mm
- Material thickness 10 – 11 mm
- Weight 8 – 9 kg
- Colour black / custom colours possible
- Tread 350 mm wide, 4° slope
- Corner hinge for to produce angles of 20°– 340°



Material properties

- recycled mixed plastic of polyolefins
- Colour black or custom colours
- No PVC shares or metallic residues
- Temperature-resistant and dimensionally stable at -30° to +50° C
- UV-resistant
- Hydrophobic – this resistant to first and de-icing salt
- Resistant to bites from rodents and small game
- Supports of hot-dip galvanised steel or U-shaped plastic supports

Your benefits at a glance

- Insurmountable guide wall thanks to 1-shape
- Permanent positive-lock connection between the guide wall and tread
- Impossible to climb through due to large overlapping joints
- Can be adjusted to any terrain with standard tools
- No road closures or heavy plant needed for the installation
- The guide wall can be dismantled and erected elsewhere if the migratory behaviour of the amphibians or the terrain changes
- Available with perforations on request to drain any water that accumulates. The amphibians are still held back reliably.

Types of installation

- AL 1 A: Installation on existing mesh fence, no tread, no possibility for backfilling.
- AL 1 A L: Installation on existing mesh fence, with tread, no possibility for backfilling.
- AL 1 B: Installation in open fields on steel or plastic posts, no tread, no possibility for backfilling.
- AL 1 B L: Installation in open fields on steel or plastic posts, with tread, no possibility for backfilling.
- AL 1 C: Installation in open fields on reinforced steel posts, no tread, with possibility for backfilling.
- AL 1 C L: Installation in open fields on reinforced steel posts, with tread, with possibility for backfilling.



Option

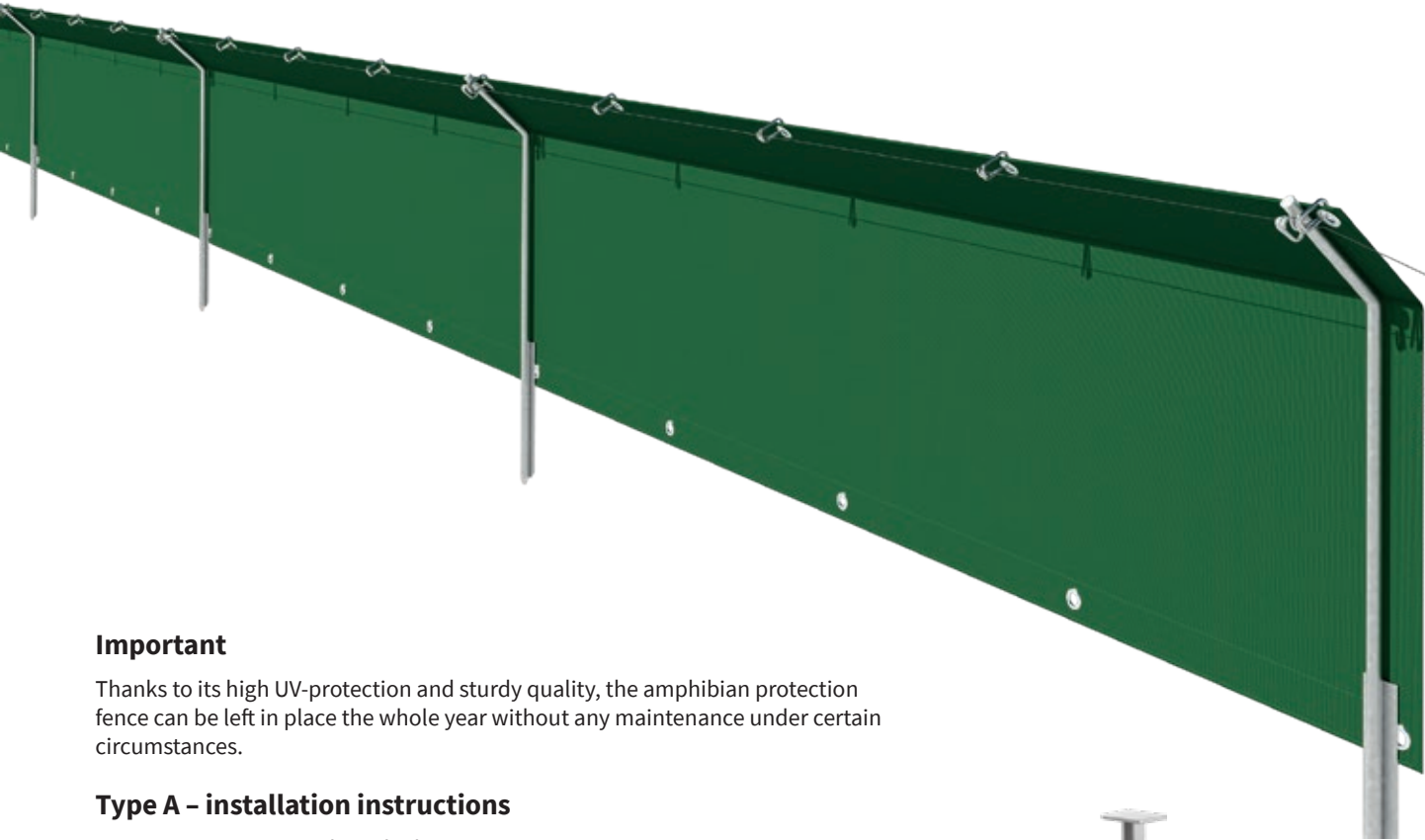
Perforation also possible with embedded and over-molded stainless steel grating to drain any water that accumulates.

Mobile amphibian and reptile protection fences

are an contribution to animal sand species protection

	Design	
Type	Amphibian protection fence type A	Amphibian protection fence type B
Type of assembly	On existing mesh fence	Self-supporting in open fields
Type of installation	With chain links on existing mesh fence	With hot-dip galvanised metal supports incl. depth stop, tensioning rope, pegs and chain links to hang the fence. Burying the lower end of the amphibian protection fence approx. 10 cm in the ground and not just pegging it down at short intervals has proven sensible because amphibians try to crawl under the fence with the latter solution.
Climb-over protection	–	optionally available: Posts bent 45° at the top
Options	–	Post spacing 2 m for a longer service life or windier locations Post spacing 5 m, e.g. for the temporary protection of construction sites

	Material	
Type	Amphibian protection fence with mesh permeable to air	Amphibian/reptile protection fence with closed foil
Material	Polyethylene/polypropylene mesh	Closed PE foil, reinforced and coated mesh, edges folded and welded all round with aluminium eyelets at the top and bottom (for retaining device) at intervals of 50 cm
Section length	Reels of 100 m	Reels of 50 m
Reel height	approx. 60 cm (effective height approx. 50 cm)	approx. 60 cm (effective height approx. 50 cm)
Weight approx.	0.135 kg/sqm	0.230 kg/sqm
Colour	green	green
Mesh size	almost opaque	completely closed & opaque
Permeability	permeable for wind / impermeable for light	impermeable for wind / impermeable for light
UV stabilisation	UV-resistant min. 300 kly	UV-resistant min. 400 kly
Condition	tear-proof, water-repellent, resistant to rotting	reinforced mesh, tear-proof, water-repellent, resistant to rotting
Stability	resistant to salt water, frost, acids and alkalis	resistant to salt water, frost, acids and alkalis



Important

Thanks to its high UV-protection and sturdy quality, the amphibian protection fence can be left in place the whole year without any maintenance under certain circumstances.

Type A – installation instructions

- Dig an approx. 10 cm deep ditch
- Attach the fabric/foil top the fence using the chain links and lay in the ditch at the bottom
- Fill the ditch back in and compact

Type B – installation instructions

- Dig an approx. 10 cm deep ditch
- Knock in the steel supports (straight support up to knock-in mark or angled support up to the end of the welded-on sword) at intervals of 2-5 metres – depends ion the scope of delivery
- Thread the longitudinal tensioning rope through the eyelets of the steel supports, tension the rope and fasten in place at both ends with pegs
- Attach the fabric/foil to the top the fence using the chain links and lay in the ditch at the bottom
- Fill the ditch back in and compact



Option

Tool to simplify installation of the angled steel support

*The latest information
can be found at **beilharz.eu***

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