

HERPETOSURE® REPTILE FENCING

AWARD WINNING HERPETOSURE®

The UK's leading ecological fencing range



DURABLE

Vandal Resistant, Impact Resistant and Fire Retardant.



FAST

10 Times Faster to Install than other Newt Fencing Products.



GUARANTEED LIFE SPAN

UV Stability Guarantees of over 10 years.



SUSTAINABLE

Produces Zero Product Waste.



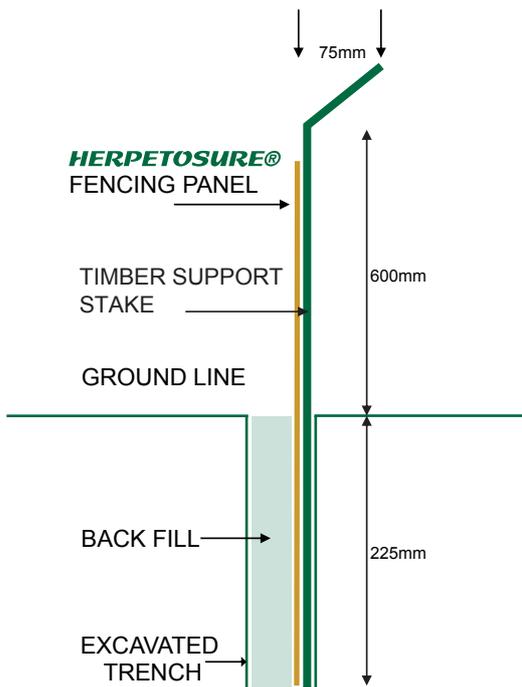
EXTENSIVE STOCK

Thousands of Metres Ready for Dispatch

HERPETOSURE® FENCING INFORMATION



Patent Application No: 0425617.8
NOT TO SCALE



Reptile Fencing

Species: Newt / Toad / Slow Worm

Panel Dimensions: 3000 X 900 X 3mm

Fitted Measurements

225mm vertically below ground, 600mm vertically above ground and supported with Timber Stakes

Technical Data (Approx)

Density	Kg/m ³	965
Tensile Strength (Mpa)	N/mm ²	22.0
Elongation at Break	%	280
Flexural Yield Strength (Mpa)	N/mm ²	33.0
Flexural Modulus (Mpa)	N/mm ²	950
Unnotched Charpy Impact Strength	KJ/m ²	no break
Thermal Conductivity	W/ (m.k.)	0.52
Linear Thermal Expansion	mm/m/oc	0.210
Surface Spread of Flame		Class 3





Herpetosure Newt & Reptile Fencing Plough Installation Methodology

1. Overview

Three Shires Limited can install Herpetosure newt/reptile exclusion fencing using a specialist plough-based method, or hire out the plough attachment to suitably experienced ecological contractors (enquiries@threeshires.com). This system enables rapid installation without traditional excavation, reducing labour, spoil disposal and habitat disturbance.

2. Suitability and Limitations

- Ground conditions must be free from large roots, heavy compaction or obstructions.
- Sufficient access required for an agricultural tractor along the fence line.
- Most efficient in open field or grassland; less suitable for hedgerows, woodland edges or urban sites.
- If unsuitable ground or restricted access is found, revert to conventional trench-fit methods.

3. Pre-Installation Requirements

Underground Services:

Check proposed fence line against service drawings; confirm and mark all services before work.

Ecological Checks:

Inspect fence alignment for badger setts, rabbit burrows, amphibians/reptiles and nesting birds (March–August). Checks by CIEEM ecologist or trained installer.

Vegetation Clearance:

Two-stage cut – (1) cut to approx. 200 mm and inspect; (2) reduce to ground level before installation.

4. Installation Method

Plant Setup:

Plough attachment mounted to tractor; funnel at rear holds fencing panels upright.

Panel Installation:

Tractor advances while plough cuts a slit; panels fed through funnel into ground. Lipped edge faces outward; panels overlap min. 50 mm.

Sealing Panels:

Disturbed soil falls back; track in by foot or machine to ensure tight seal.

Fixing Panels:

Drill pilot holes; secure overlaps with 16–18 mm rivets (3 per overlap, top rivet in lipped edge, others evenly spaced).

Supporting Stakes (optional):

For reptile fencing, install timber stakes at 3 m centres inside exclusion area; secure panels with timber screws.

Quality Standards:

Fence lines must be continuous, unbroken, straight, free from twists or lifting.

Key Benefits:

- Faster installation than trench-dug methods.
- Minimal excavation and spoil handling.
- Reduced habitat disturbance and more cost-effective, especially at scale.