Units 24 & 25 Riverside Place
K Village
Lound Road
Kendal
LA9 7FH

01539 724 823
kendal@curtins.com
www.curtins.com

Curtins

MIL-CUR-XX-XX-SP-C-9112-P02 Fence Specification (Agricultural Style Dog Exclusion)

Revision: P01 **Date:** 05/11/2026 **Client**: Story Contracting

General

Install in accordance with the principles of BS 1722-14 (Specification for open mesh fences) and good agricultural stock-fencing practice. Minimise disturbance to vegetation, habitats, tree roots and ecological features.

Specification to be in conjunction with MIL-CUR-00-ZZ-CUR-9101 Fence Construction Detail.

Overall fence:

- Fence height is min. 1250 mm above finished ground level, following the existing ground profile.

Posts (**intermediate**):

- FSC-certified, pressure-treated softwood, Use Class 4.
- Round, 100 mm diameter minimum (peeled or machine-rounded), 2100 mm minimum length. Centres not exceeding 3000 mm.
- Driven or set in augered holes, with excavated spoil or clean 20–40 mm stone backfilled and rammed in 150 mm layers. Minimum embedment 750 mm.

Corner posts and strainer:

- Round, 150 mm diameter minimum, 2400 mm minimum length, embedment min. 900 mm.
- To occur at every end, corner, change of direction over 15°, and at 100 m maximum intervals on straight runs. Long runs of strained mesh need regular strainers, or the line goes slack. Additional strainers included as needed.
- Each strainer has a diagonal strut (100 mm diameter) set into a notch or housing at about 1000 mm height, with a sole plate or stone at the foot. The strut is fixed with galvanised bolts or wire-stitched strain. A twisted-wire stay is acceptable as an alternative where the ground is firm.

Mesh and wires:

- Galvanised welded stock fence mesh (L9/120/15 or equivalently approved), 2.5 mm wire minimum, fixed to the habitat side of the fence, strain these to manufactures specification (typically 180kg / 1.8kN).
- As required, a 2.5 mm high-tensile line wires (Class 3 galvanised) to run along the top, middle and bottom of the fence mesh, strained to 180kg / 1.8kN and fix the mesh to them with tie wire or clips at 300 mm centres. Fix to intermediate posts with galvanised staples or clips.
- The mesh runs continuously from the top wire to ground level. Maximum gap below the mesh is 50 mm.
- Strained mesh doesn't follow dips well in the Ground profile. In hollows, add intermediate posts closer together or a stay to hold the mesh down, to avoid gaps beneath it.

Maintenance access gate:

- Clear opening is to be confirmed against the maintenance gate requirements (Pedestrian gate sizes, typically 0.9 -1.2m or vehicle gate sizes, typically 3.6–4.2 m).
- Standard bar spacing is too wide therefore, galvanised steel field gate with stock fencing mesh welded or clipped to the frame.
- Maximum 50 mm gap under the gate, with a compacted stone threshold.
- Gate posts are round timber, 175–200 mm diameter, 2700 mm long, min. 1000 mm embedment, rammed hardcore backfill.

Curtins Consulting Ltd registered in England No. 2054159 | Registered office: 51-55 Tithebarn Street, Liverpool, L2 2SB | Branch registered in Ireland No. 908625

INVESTORS IN PEOPLE®
We invest in people Platinum

Units 24 & 25 Riverside Place
K Village
Lound Road
Kendal
LA9 7FH

01539 724 823
kendal@curtins.com
www.curtins.com

- Optional: Ground-anchor or buried cross-timber ("deadman") at the foot of the hanging post in poor ground conditions.
- Diagonal strut from the head post to the base of the hanging post.
- Provide heavy-duty hinges with a 180° swing, a drop-bolt or chain with a lockable latch, and a gate stop.
- The mesh strains back into strainers on both sides of the gate.
- Where soils appear soft or weak, allow for deeper embedment, anchors and bracing. Peat or soft ground may need a different solution, such as steel ground screws.

Finish and durability:

- Timber is treated to Use Class 4, and cut ends are re-treated immediately.
- All fixings are galvanised or stainless.
- Apply a bitumen or waterproof wrap to manufacturers specification to a minimum of the full depth of embedded section below ground.

Environmental:

- Fence alignment to avoid damage to mature trees and significant vegetation. Surplus excavated material to be retained on site and disposed of in agreed locations with landowner and ecologist.
- No vegetation clearance beyond that necessary to install the fence. All works within the SSSI to comply with any conditions agreed with landowners, ecologist and Natural England.