FirstFence®
HIRE & SALES

FirstShield® Tree Protection

Specification Sheet

SPC-TREE-004A



Call our Expert Sales Team for more information.

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Rigorous Tree Preservation, Unyielding Structural Integrity

Designed for sites requiring strict adherence to arboricultural regulations and robust Construction Exclusion Zones (CEZ), our complete range of FirstShield® Tree Protection Fencing provides a highly durable, adaptable preservation solution.

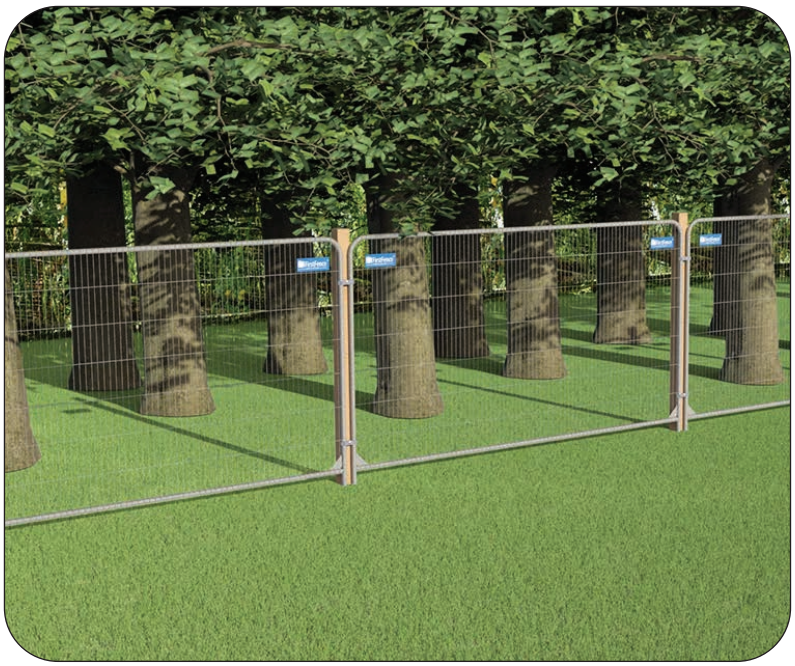
Engineered from high-quality materials—including heavy-duty steel scaffolding and pressure-treated timber—for long-term performance and high impact resistance, these systems are purpose-built to safeguard delicate root systems and prevent irreversible damage while ensuring full compliance with UK legal standards.

Key Features

- BS 5837:2012 Compliant Option
  (Designed to meet rigorous British Standards for strict planning conditions)
- Dual Material Configurations
  (Available in either steel scaffolding (BS EN 10219-1 S355 compliant) or timber)
- Comprehensive Root & Trunk Defence
  (Forms a physical barrier that safeguards the canopy, trunk and root system)
- Secure, Immovable Assembly
  (Uses heavy-duty fixings ensuring the framework is not easily dismantled)
- Flexible Site Adaptability
  (Frames accommodate complex site boundaries using varying tube lengths)

Suitable For

- Major Construction Projects
- Urban & Rural Property Developments
- Demolition Sites
- Sites Governed by TPOs
- Projects with Strict Planning Conditions



Photos are for illustration purposes only

Tree Protection Selection Guide

STEP 1: CHECK LOCAL PLANNING & LEGAL REQUIREMENTS

This is crucial for compliance and avoiding fines

Review your planning permission conditions, arboricultural reports, and check if any trees on site are protected by a Tree Preservation Order (TPO).

If your project requires formal BS 5837:2012 compliance or involves TPOs, you must select the Steel Scaffold System (with back brace).

STEP 2: EVALUATE SITE HAZARDS AND TRAFFIC

Assess the type of machinery and activity occurring near the exclusion zone.

For heavy plant movement, major groundworks, or demolition, high impact resistance is required (Steel Scaffold System).

For lighter landscaping or residential work where unauthorised foot traffic is the main concern, the Vertical Brace or Timber systems provide sufficient physical deterrence.

STEP 3: CONSIDER LOCATION AESTHETICS

Determine if the visual appearance of the fencing matters for your project location.

If the site is in a rural setting, a public park, or a high-end residential development where an industrial steel frame might be an eyesore, the Timber Frame System offers a more natural, discreet appearance while still providing a robust barrier.

STEP 4: SELECT YOUR BASE SYSTEM

Based on the previous steps, choose your framework:

Steel Scaffold System: For strict BS 5837 compliance, TPOs, and heavy construction.

Vertical Bracing Only System: For strong, secure perimeters on sites that do not require formal BS 5837 compliance.

Timber Frame System: For robust protection with a natural aesthetic (non-BS 5837 compliant).

STEP 5: ORDER NECESSARY PANELS & ACCESSORIES

Remember that the temporary fencing panels are not included in the base frame kits.

Ensure you calculate the perimeter of your Construction Exclusion Zone (CEZ) to order the correct number of panels, and add the necessary linking stainless steel cable ties and couplers to your order to securely attach the panels to your chosen frame.

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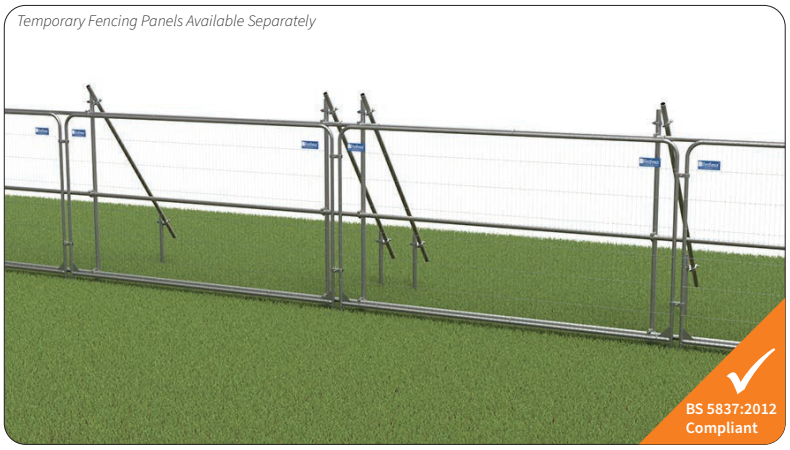
SPC-TREE-004A

FirstShield® Temporary Fencing Panel Frame with Back Bracing

Safeguard valuable trees and ensure full BS 5837:2012 compliance with the FirstShield® Tree Protection System. Engineered from heavy-duty scaffold poles with diagonal back bracing, this highly rigid framework creates a secure Tree Protection Zone (TPZ) to shield delicate roots, trunks, and canopies from heavy site traffic and invasive groundworks.

To protect the sensitive Root Protection Area (RPA), vertical posts are driven 600mm directly into soft ground, completely eliminating the need for concrete. This prevents harmful soil compaction and toxic chemical leaching. Reinforced with high-grade couplers and bracing, the system delivers unyielding defence for any active construction site.

(Please note: This kit includes the structural scaffold framework only. Temporary mesh fencing panels must be purchased separately. Round Top and Square Top Temporary Fencing Panels both work with this frame)



BS 5837:2012 Compliant: Designed to meet the stringent requirements set out for tree protection.

Heavy-Duty Construction: Built using galvanised scaffold poles.

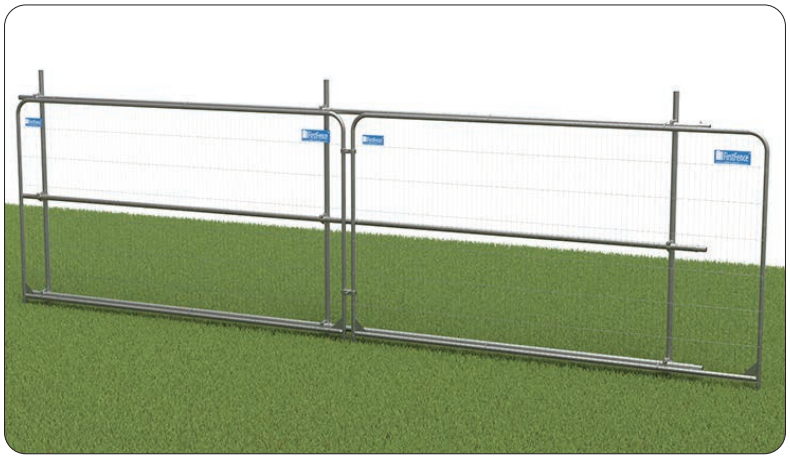
Modular Design: Multiple kits can be linked to create a continuous protective fence line of any required length. The system has an assembled height of 3048mm with posts at a maximum of 3.0m centres.

Protects Tree Health: Prevents soil compaction, contamination, and physical damage to roots, trunks, and lower branches within the TPZ.

Establishes a No-Go Zone: Creates a highly visible and controlled work environment, helping contractors to plan operations around protected trees.

Specification
Material: Galvanised Steel (Scaffold Tubes)
Kit Width: 6400mm
Height: 3048mm (Installed, 600mm in the ground)
Standards: BS 5837:2012

Not sure what products you need?
Use our handy calculator!
CLICK HERE



Temporary Fencing Panel Frame (No Back Bracing)

This system is perfect for locations that do not have space for a full back-braced format. This kit is the same as FirstShield®, but without the back-braced items.

It is ideal for establishing temporary perimeters, creating a frame that temporary fencing panels are attached to.

The vertical bracing-only system provides a strong and secure tree protection system but **does not meet the BS 5837:2012 standards**.

(Please note: This kit includes the framework only. Temporary mesh fencing panels must be purchased separately).

Specification
Material: Galvanised Steel (Scaffold Tubes)
Kit Width: 6400mm
Height: 3048mm (Installed, 600mm in the ground)

Not sure what products you need?
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CLICK HERE

Often Purchased With:

Temporary Fencing Couplers



Essential components used to join multiple temporary fencing panels together.
Made from galvanised steel.

Stainless Steel Cable Ties



Stainless Steel Cable Ties are ideal for indoor and outdoor use.
Each measures 300mm in length by 7.9mm in width.

Standard Coupler Spanner



For use with temporary fencing couplers. Designed to tighten and loosen coupler bolts for efficient installation and removal.

Tree Protection Zone Sign



Tree Protection Zone sign. Made from 1.2mm thick rigid plastic.
A4 size.

FirstShield® Tree Protection

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SPC-TREE-004A

FirstShield® Temporary Fencing Panel Frame - Timber

Safeguard valuable trees with the natural aesthetic of our Timber Post Tree Protection System. Constructed from robust 4"x4" UC4 timber posts, this framework establishes a secure Tree Protection Zone (TPZ) to shield roots, trunks, and canopies from heavy site traffic and invasive groundworks.

To protect the sensitive Root Protection Area (RPA), the vertical timber posts are driven directly into soft ground, eliminating the need for concrete foundations. This environmentally conscious installation prevents harmful soil compaction and toxic chemical leaching. Once secured with temporary fencing panels, the system forms a highly visible, rigid barrier built for demanding site conditions.

(Please note: This kit includes the treated timber posts and all necessary heavy-duty fixings, including couplers and M10 x 100mm coach screws. Temporary fencing panels and end posts must be purchased separately.)



Robust & Natural Construction: Built using pressure-treated UC4 4"x4" timber posts for durability and a natural appearance suitable for sensitive sites.

Complete System: Includes timber posts and all required fixings like couplers and coach screws for a hassle-free installation.

Modular Design: Multiple kits can be linked to create a continuous protective fence line of any required length.

Protects Tree Health: Prevents soil compaction, contamination, and physical damage to roots, trunks, and lower branches within the TPZ.

Establishes a No-Go Zone: Creates a highly visible and controlled work environment, helping contractors to plan operations around protected trees.

Specification

Material: Timber (UC4 Tanalised)
Post Dimensions: 8ft/10ft Long x 4x4” Timber Post
Standards: BS 8417 (UC4 Tanalised Timber)

Not sure what products you need?
Use our handy calculator!

CLICK HERE

SemPerFix Semi-Permanent Stabiliser System for Tree Protection Fencing

The SemPerFix system provides an affordable, eco-friendly, and concrete-free foundation for semi-permanent tree protection fencing. Ideal for construction and demolition sites, it establishes a secure barrier to shield trees and woodlands from heavy equipment without the need for time-consuming digging or carbon-intensive concrete.

Versatile Ground Adaptability: Installs on multiple surfaces. Use fully inserted ground screws for deep soft ground, an adjustable screw box for shallow soft ground, or ground anchor bolts for hard surfaces.

Extreme Weather Resistance: When installed on solid ground and equipped with the modular stabilising arm, the framework can withstand wind speeds of up to 100 mph.

100% Reusable & Easy Storage: Designed for maximum ROI and minimal environmental impact, the system completely disassembles into compact, manageable components for simple storage and deployment across multiple projects.

Please note: This kit includes the stabiliser only. Temporary mesh fencing panels must be purchased separately. A full ground survey should be conducted to check for any pipes or cables before installation begins.



Easy Installation: The SemPerFix system attaches to your tree protection panels using the same couplers, making installation quick and simple. It can be screwed or drilled into place.

High Wind Resistance: Capable of withstanding wind speeds up to 100 mph when installed on solid ground with the stabilising arm included.

Cost-Effective: This reusable stabilising system saves both time and money and can be installed within minutes.

Eco-Friendly: The SemPerFix system significantly reduces waste compared to traditional concrete foundations. It also eliminates the need for digging, reducing carbon emissions.

Versatile Ground Compatibility: Whether on hard or soft ground, the SemPerFix system provides strong, stable fencing perimeters tailored to your site’s needs.

Specification

Material: Galvanised Steel
Finish: Powder Coated Red
Comes with x1 Ground Screw Box and x1 Ground Screw Stabiliser

See Full SemPerFix Product Listing with Installation Guide Here

CLICK HERE