



High Security Fencing

HSF MESH

HSF 358

HSF BALLCOURT

HSF SITE SET UP

HSF SITESAFE

HSF ACOUSTIC



The **Best** of **British**

Throughout the **UK** and **Overseas**



Export and Overseas operation

Wallbank Fence Systems are delivered all over the world, and we can handle the whole shipping process, working alongside our freight forwarders here in the UK and overseas. We can arrange letters of credit with our banking partner UK-Barclays plc, and are also able to offer a specialist service of supplying large quantities of razor coils through our international partners overseas.

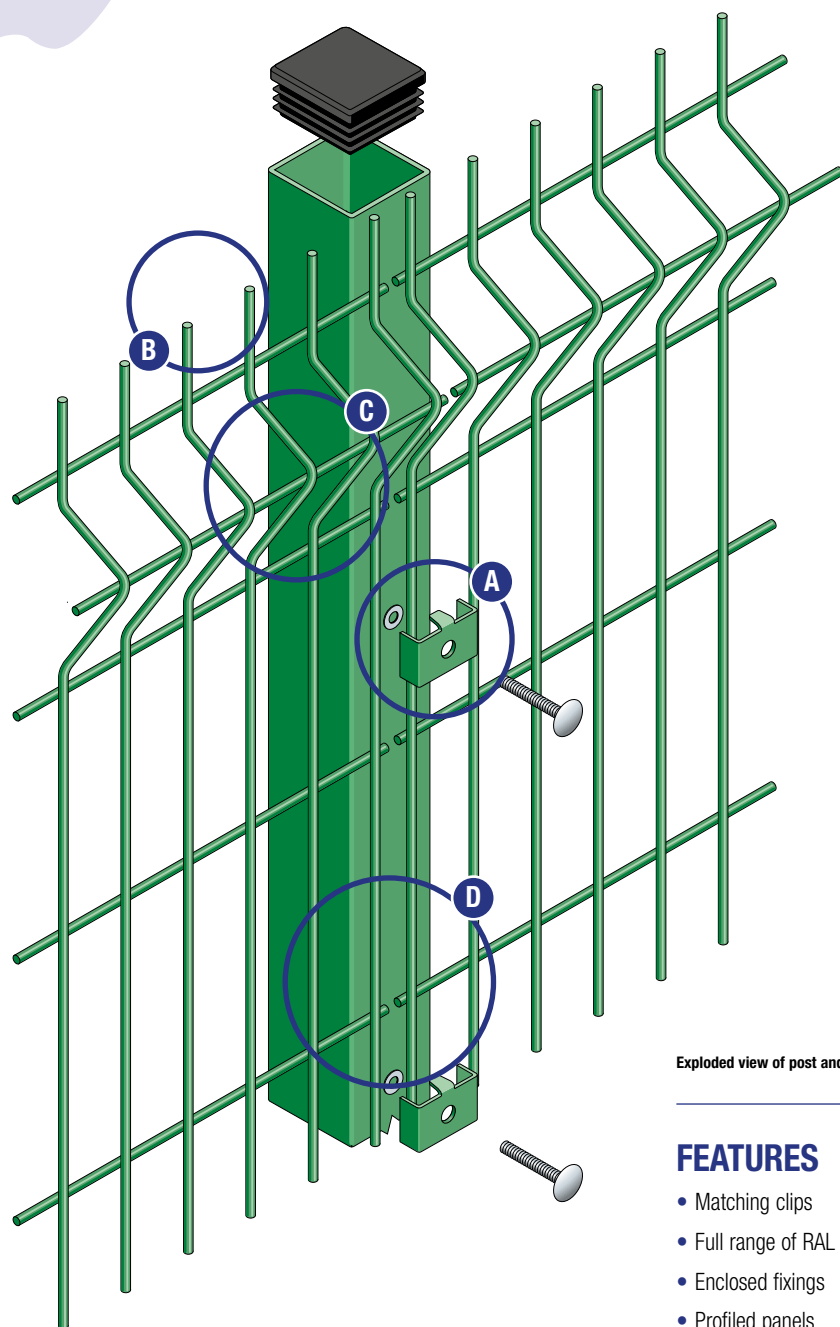
All fencing is manufactured to the highest standard.





HSF MESH

PROFILED PANEL SYSTEM



A

Easy fixing security clips

B

30mm projecting spikes

C

Fully resistant welded joints with 5mm wires

D

Galvanised and polyester powder coated RHS post



Sheardrive™ option



Exploded view of post and fixing details for HSF Mesh panel system

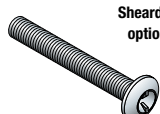
FEATURES

- Matching clips
- Full range of RAL colours available
- Enclosed fixings
- Profiled panels

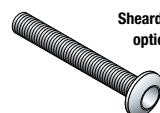
SUITABLE FOR

- Public buildings
- Car parks
- Solar sites
- Retail premises

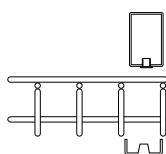
SYSTEM DETAILS



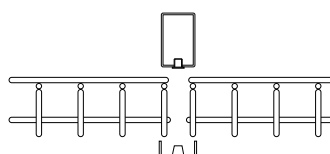
Sheardrive™ high security option before shearing



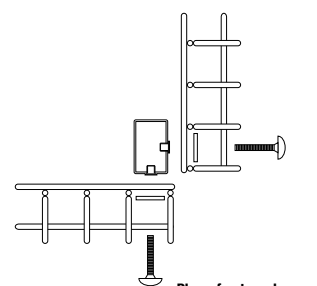
Sheardrive™ high security option after shearing



Plan of end



Plan of panels in line



Plan of external corner



DESCRIPTION

The new name in General Purpose Security Fencing, HSF Mesh offers the ideal fencing solution to your perimeter security requirements.

Each profiled panel features 30mm projecting spikes, making them extremely difficult to climb over, and ensures your fencing provides an excellent deterrent against vandals and intruders.

This HSF Mesh wire mesh fencing panel system uses strong wrap-around metal clips (rather than a clamp bar) to hold the welded steel mesh panels to the steel posts. These clips - with 90° angled returns that prevent tampering - fit into threaded inserts on the posts and are fixed in place using pin torx bolts for enhanced security.

The profiled mesh panels are first galvanised and then polyester powder-coated and whether it is protecting public buildings, car parks, business parks or retail premises, the HSF Mesh system is available in a full range of RAL colours, so you can match it to your corporate colour scheme.

FINISH

After stringent cleaning and treatment, our welded galvanised steel wire mesh fencing panels are polyester powder-coated to give a high adhered coating in green RAL 6005 (full spectrum of colours available).

PANEL DIMENSIONS

Heights	1230, 1730, 1930, 2330, 3030mm*
Panel width	2500mm or 3000mm (up to 2330mm) *2800mm (3030mm only)
Mesh size	200 x 50mm
Wire diameter	5mm
Triangular folds	3
Top edge projection	30mm†

† Can be inverted to give flush edge.

All dimensions are nominal

HSF MESH POSTS

For the profiled panel system, Wallbank have developed a unique style of individually clipping the panels to the posts, using a preformed clip which clamps the panel securely to the posts by fitting across the front and then secured with capped off bolt heads.

The clip is then fixed into place using a tamper resistant bolt which screws into an insert in the face of the post. These clips are strategically spaced apart depending on the height of the panel to maximise security and to allow stepping of panels for the accommodation of sloping ground.

Sloping ground

Panels can be stepped as required. Where gradients exceed 1:16, it is recommended that taller panels are either part-buried or additional posts are used.



VARIATIONS

In addition to the standard posts many variations are available to accommodate site requirements:

- Alternative sections
- Wall fixing plates, cranked posts or base plated
- Cranked or straight extensions for barbed or razor wire
- Cranked panels
- Spigoted base plate

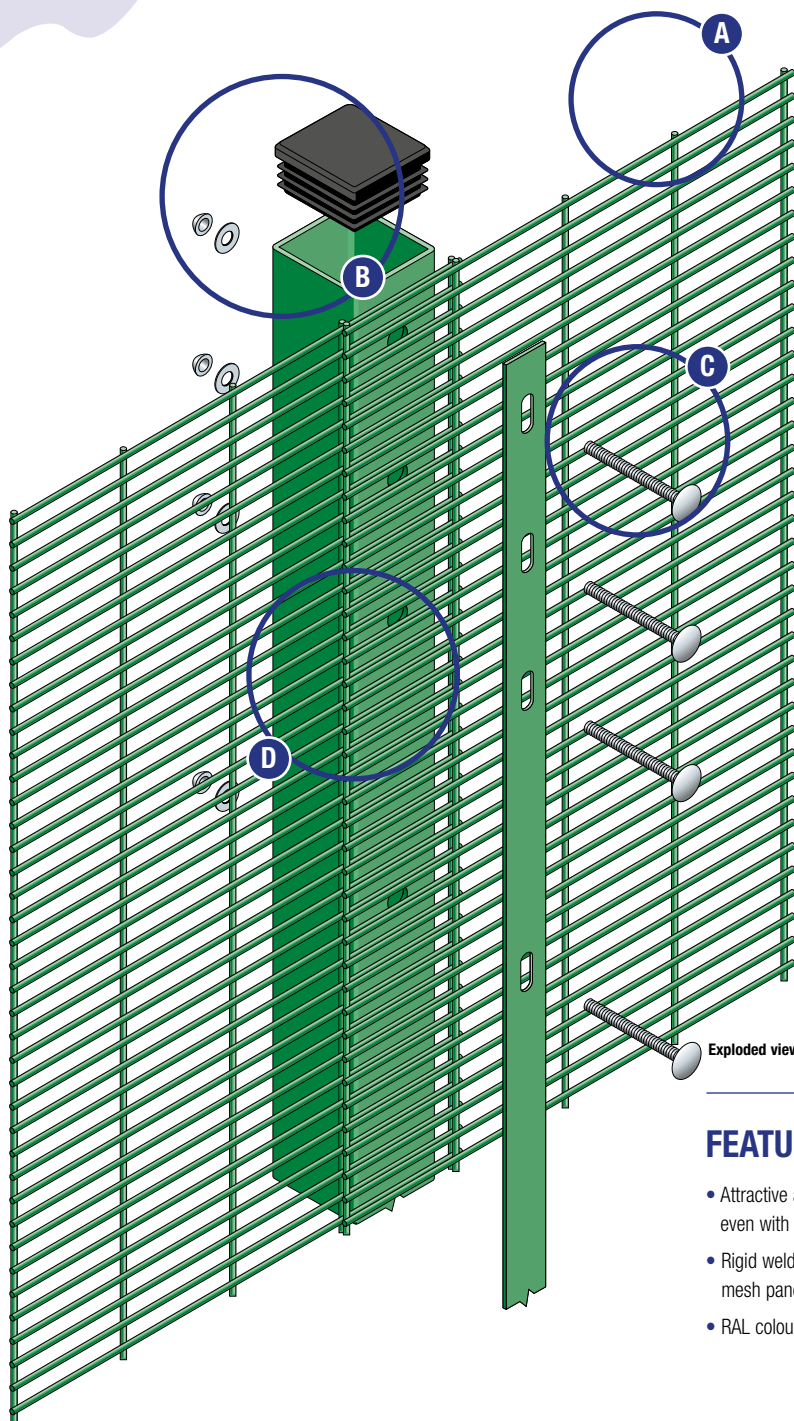


DIMENSIONS

Posts	60 x 60mm RHS (up to 2330mm) 80 x 40mm RHS (up to 3000mm)
Corner posts	60 x 60mm
Post centres	2510mm or 3010mm (up to 2330mm) 2810mm (3030mm only)

HSF 358

FLAT PANEL SYSTEM



Exploded view of post and fixing details for HSF 358 panel system

A

Anti-climb close mesh

B

Galvanised and polyester powder coated panels and posts

C

Through bolt with security washer and non removable shear nut

D

Overlapping panels with full length clamp bar

Conforms to BS1722: Part 14

Secured by Design



LPS 1175: Issue 7
Cert. 999A

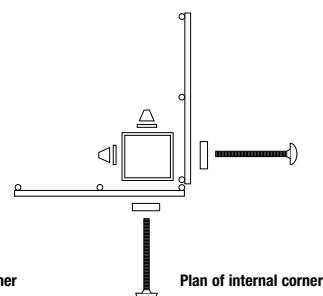
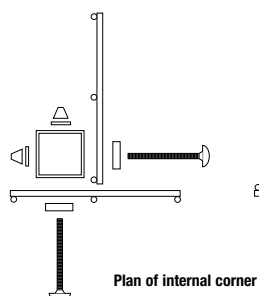
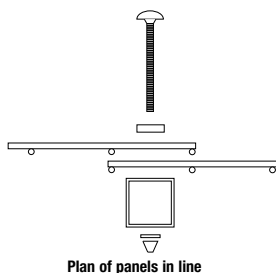
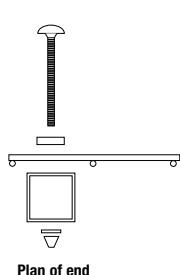
FEATURES

- Attractive appearance, even with dense wire mesh
- Rigid welded steel wire mesh panels
- RAL colours available

SUITABLE FOR

- Schools
- Industrial and commercial units
- Police stations and secure units
- MOD
- Airports and seaports

SYSTEM DETAILS





DESCRIPTION

When you need cost-effective security fencing and your main aim is preventing people from gaining access to your premises, the close mesh panels of HSF 358 make it the ideal anti-climb option.

Each hard-wearing mesh panel is fixed to galvanised steel square posts using a full length clamp bar system matched with strong through bolts. This ensures quick and easy installation around any perimeter and maintains a great line of defence against any potential intruders.

HSF 358 is hugely flexible for a range of high security locations, from schools, industrial and commercial units, police stations and secure units, Ministry of Defence sites, airports and seaports.

You also have quality assurances with this system conforming to BS 1722-14 for open mesh steel panel fences and Loss Prevention Standards 1175 Category 1 for fences at 2400mm and 3000mm high.

FINISH

Our HSF 358 system is galvanised and polyester powder-coated after stringent cleaning and treatment to give a well-adhered coating of 60 microns. Or available as galvanised only which is a high aluminium content galvanising giving four times the life of BS 443. This finish is free of the sharps and irregularities found in the hot dip galvanising process. RAL range of colours available.

PANEL DIMENSIONS

Heights	1200, 1800, 2000, 2100, 2400, 3000 up to 5200mm
Panel width	2514mm
Mesh size	76.2 x 12.5mm
Wire diameter	4mm (horizontals and verticals)
Top edge projection	Nil – wire is flush on all edges

All dimensions are nominal

HSF 358 POSTS

The Wallbank post is formed from square hollow section and from good grade steel. All bolts, clamps, washers and permacone fixings are galvanized for longevity.

SLOPING GROUND

Panels can be stepped as required on the post. Where gradients exceed 1:16, it is recommended that taller panels are either part-buried or additional posts are used. Panels can also be sloped to the following gradients, within the tolerance of the post section:

1800mm high: 1 in 45
 2000mm high: 1 in 50
 2400mm high: 1 in 60
 3000mm high: 1 in 75

VARIATIONS

The posts are available in different lengths to accommodate panel heights and ground conditions.

- Wall fixing plates, cranked posts or base plated
- Cranked or straight extensions for barbed or razor wire
- Cranked panels

Posts made from standard sections are available.

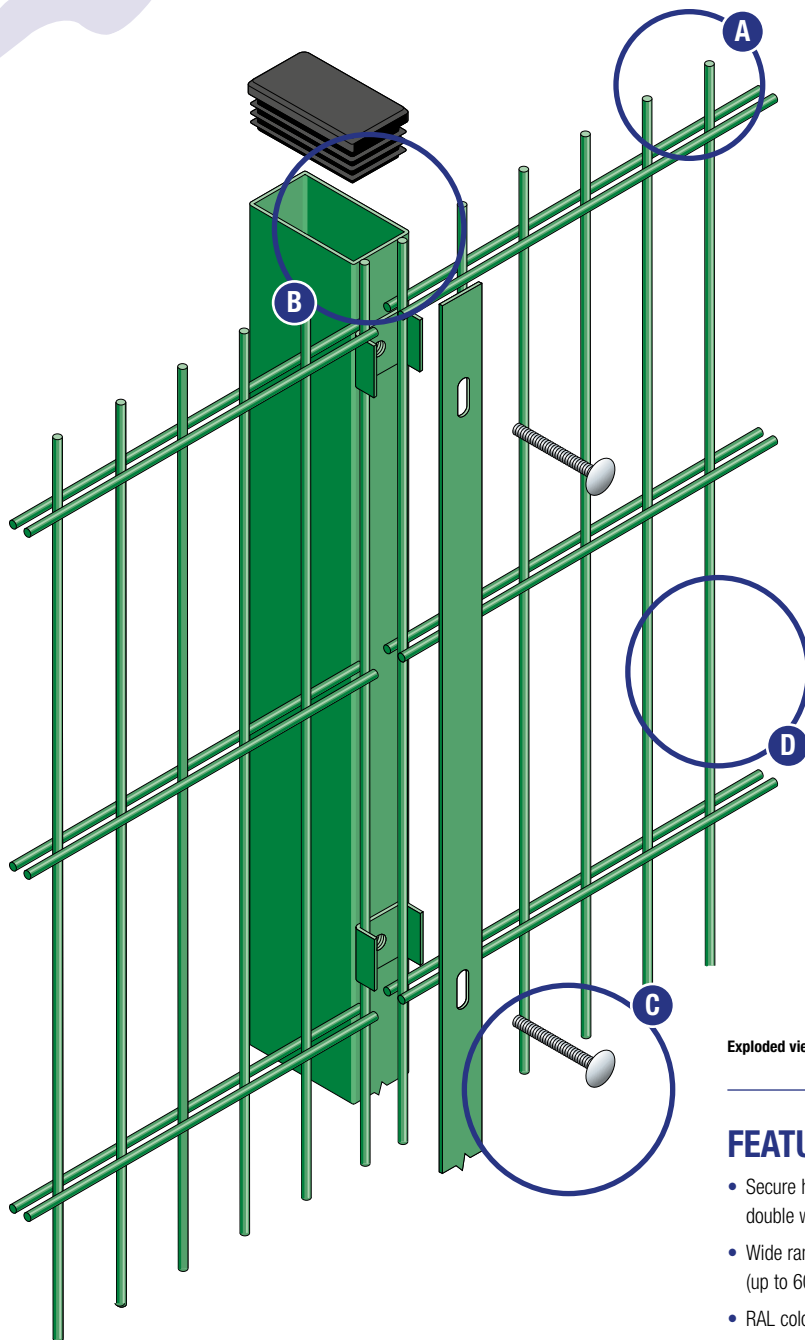
DIMENSIONS

Posts	60 x 60mm SHS to 120 x 60mm RHS dependant on height
Clamping channels	30 x 5mm Flat
Post centres	2440mm



HSF BALLCOURT

DOUBLE WIRE PANEL SYSTEM



A

High performance double wires

B

Strong post design

C

Smooth and secure bolt

D

Mesh aperture ideal for sport

Conforms to BS1722: Part 14



Exploded view of post and clamp for HSF Ballcourt panel system

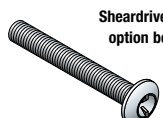
FEATURES

- Secure high performance, double wire panels
- Wide range of height options (up to 6060mm high)
- RAL colours available

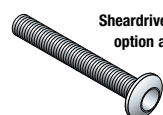
SUITABLE FOR

- Amenity areas
- Schools
- Professional sports

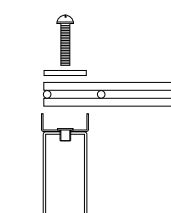
SYSTEM DETAILS



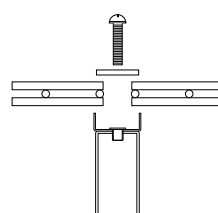
Sheardrive™ high security option before shearing



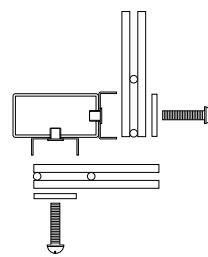
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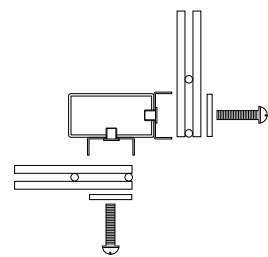
Plan of end post



Plan of panels in line



Plan of internal corner



Plan of external corner



DESCRIPTION

Durability is a key requirement of any sporting perimeter and features as standard across our HSF Ballcourt double wire panel fencing system. Making it the perfect choice when you're looking for strong-yet-practical fencing of up to 6060mm high for your school, football ground or MUGA (multi-purpose game area).

Each steel panel features twin 8mm wires welded either side of 6mm vertical wires, making them extremely difficult to cut through or damage. The twin wires are highly rigid too, adding to the strength of the fence even when under stress from people, balls or sports equipment.

Available in a wide range of RAL colour which can match up with your organisation, club or team colours. All of this comes with the peace of mind that HSF Ballcourt conforms to the British Safety Standards for open mesh steel panel fences.

FINISH

Our welded steel wire mesh fencing panels are galvanised and polyester powder coated. The standard colour is Green RAL 6005. RAL range of colours available.

PANEL DIMENSIONS

Heights*	630, 830, 1030, 1230, 1430, 1630, 1830, 2030, 2230, 2430, 2660, 2860, 3060, 3460, 3660, 3860, 4060, 4460, 4860, 5460, 5660, 6060mm
Panel width	2506mm
Mesh size	200 x 50mm
Wire diameter	6mm (verticals) and 2 x 8mm (horizontal) (also available in 5mm verticals and 2 x 6mm horizontal)
Top edge projection	30mm*

* Fence heights above 2430mm are made up of 2 or more panels.

† Can be inverted to give flush edge.

All dimensions are nominal

HSF BALLCOURT POSTS AND CLAMPS

For the HSF Ballcourt double wire panel system, Wallbank has developed a post and clamp bar system which provides a simple method of securing. Complete with an anti-vandal fastener, installed with either a battery-powered driver or traditional tools, this system offers a rapid and secure installation.

SLOPING GROUND

Panels can be stepped as required within the clamp bar system. Where gradients exceed 1:16, it is recommended that taller panels be either part-buried or additional posts are used.

VARIATIONS

The posts are available in a range of lengths to accommodate panel heights and ground conditions. In addition, many variations are available:

- Wall fixing plates, cranked posts or base plated
- Cranked or straight extensions for barbed or razor wire
- Cranked panels



DIMENSIONS

Posts	60 x 40mm RHS to 120 x 60mm RHS dependant on height
Corner posts	60 x 40mm RHS to 120 x 60mm RHS dependant on height
Post centres	2520mm
Clamping channel	40 x 5mm Steel

HSF SITE SET UP

SITE HOARDING SUPPLY & INSTALLATION





DESCRIPTION

Wallbank Fencing can handle all aspects of Contractors site set up - from initial design and structural calculations, through to hoarding implementation and graphics/branding - supplied and installed throughout the UK by our skilled and qualified installation teams.

We can carry out the supply and installation of all types of site hoarding including:

- Engineered timber hoarding
- Mesh panel type temporary hoarding
- Steel sheet hoarding
- "No dig" hoarding on concrete ballast block
- Matching site gates

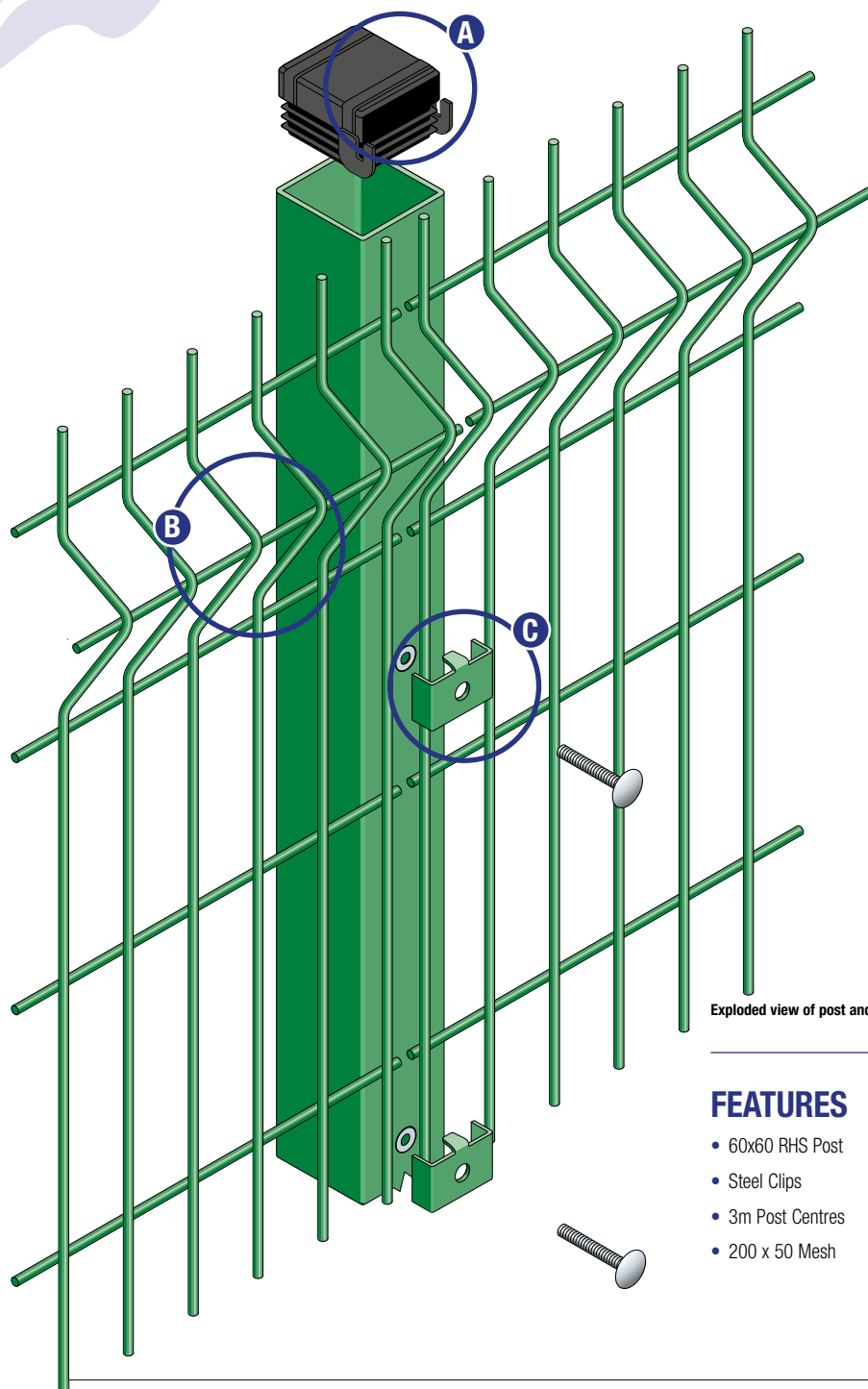
FINISH

We are also able to brand the hoardings in clients colours and can provide reprographic solutions through our signage partner.



HSF SITESAFE

SECURE TEMPORARY FENCING SYSTEM



Exploded view of post and fixing details for SiteSafe panel system

A

Unique Single Man installation cap to support fast and easy installation

B

Fully resistant welded joints with 5mm wires

C

Easy fixing steel security clips

D

4-Way adjustable bracket

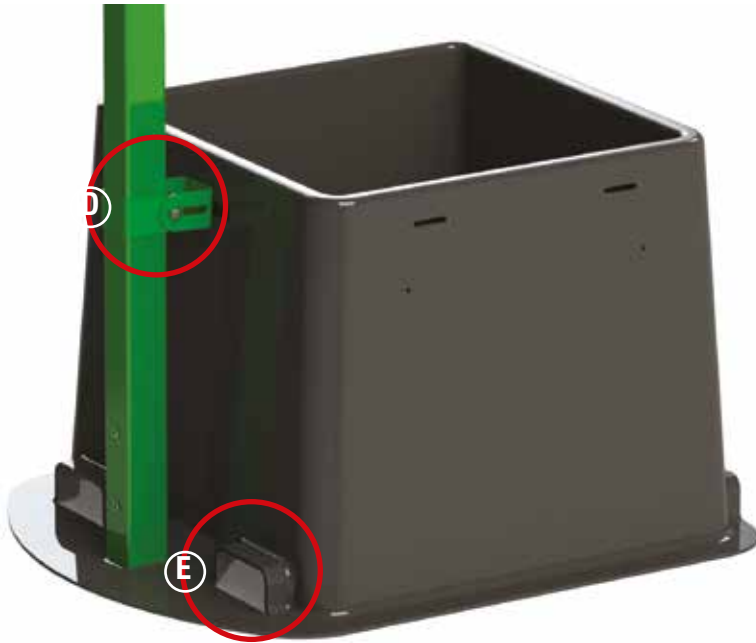
E

Fork Entry Points for easy site lifting and movement

FEATURES

- 60x60 RHS Post
- Steel Clips
- 3m Post Centres
- 200 x 50 Mesh
- No Foundations
- Loose or Bagged Sand
- Reuseable Fencing Systems
- BS 6399:1997





“A revolution in temporary fencing that allowed us security throughout the entire project.”

DESCRIPTION

SiteSafe is a patent pending new temporary fencing system that offers a wealth of advantages including:

SAFETY

Zero external site footprint that is often experienced with other types of temporary fencing and manufactured to BS6399:1997

SECURITY

Fencing manufactured from 5mm Rigid Mesh Wire that offers a more secure panel with anti-climb features using profiled panels

SUSTAINABILITY

A system that contains 100% Recycled Plastic and 90% Recycled Steel that can also be converted to a permanent fencing solution at the end of the project meaning only one type of fencing is required for the project.

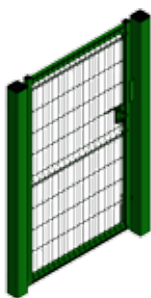
FINISH

Galvanised and polyester powder-coated, after stringent cleaning and treatment, to give a high adhered coating. The full RAL range of colours are available by pre order. Minimum quantities and charges apply.

PANEL DIMENSIONS

Heights	1730, 1930, 2330mm
Panel width	3000 mm
Mesh size	200 x 50 mm
Wire diameter	5 mm horizontal and 5 mm vertical
Triangular folds	3
Top edge projection	30 mm [†]

[†] Can be inverted to give flush edge.



Gates



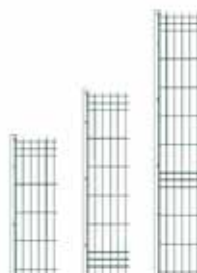
Life



Branding



Colour Range



Different Heights



Natural Range

HSF ACOUSTIC

NOISE REDUCING SOLUTIONS



FEATURES

- Specified to achieve a certain minimum sound reduction level
- Pressure treated timber for a minimum 20 year life
- Steel posts are hot dipped galvanised

SUITABLE FOR

- New residential sites
- Supermarket developments
- Childrens nurseries
- Industrial sites



DESCRIPTION

Wallbank Fencing can provide noise reducing solutions for situations where an acoustic fence is needed - normally where a new build or new carriageway abutts established residential areas.

Typical examples of this would be supermarket developments, childrens nurseries, new residential sites, industrial sites and sites operating with unsocial hours etc.

HEIGHTS

We can provide various heights of fencing ranging from 1.8 mts to 4mts with special heights on request.

CONSTRUCTION

Acoustic fences are normally double sided and on engineered timber posts for heights up to 2.1 mts and with steel sections for more elevated fences. Steel posts can be set in a concrete foundation or base plated to concrete slab.

Most fences are specified to achieve a certain minimum sound reduction level-normally dictated by the client or consultants calculation.

FINISH

All timber is pressure treated for a minimum 20 year life and steel posts are hot dipped galvanised.





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The **Best of British**

