

COMPANY PROFILE

The Company

IAE Fencing is part of the F Klucznik & Son Ltd group of companies which also includes; IAE Agricultural, *manufacturers of livestock handling and feeding equipment*; IAE Equestrian, *manufacturers of internal stabling and accessories*, and Centrewire Ltd, *suppliers of specialist steel and timber gates and recycled plastic products with the main emphasis being on 'access for all'*.

Established in 1969 it is an independent, privately owned organisation. With a turnover in excess of £30 million it is respected within all of its business sectors and its products can be found throughout the United Kingdom and many European destinations.

IAE Fencing

IAE Fencing is now well established as one of the largest manufacturers of steel fencing within the United Kingdom. A combination of traditional work practices, along with the introduction of the latest hi-tech machinery enable IAE to offer a comprehensive range of standard and bespoke products at competitive prices.

Service

Years of experience within our sales, drawing office and factories enable IAE to offer an unparalleled service to its customers. Many standard fences are available from stock and on special projects we can advise on the most efficient and best way to supply your design. We are continually working with Architects, Specifiers, Local Government and Contractors and will supply technical drawings for approval when required.

Finish

Where specified our products are supplied hot dip galvanised to BS EN ISO 1461 from our own in house galvanising plant. If required they can be further enhanced, to your colour choice by polyester powder coating to BS6497.

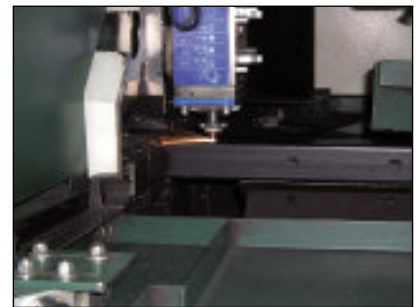
Transport

Most deliveries are made using our own extensive fleet of vehicles. To assist with off loading many have mechanical off loading facilities, which can be pre-booked if requested.

Associations



In house galvanising plant



Laser technology



Robotic technology



Traditional practices



On site off loading

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IAE VERTICAL BAR

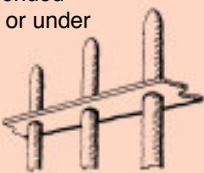
When a traditional, long lasting, solid boundary fence is required, choose IAE Vertical Bar. Ranging in height from 1.2m to 2m, Vertical Bar is available with blunt, spiked or domed tops and, for a more individual appearance, the cranked, convex or turret options are available. Non-standard length, raked, radiused or stepped panels can be manufactured to individual requirements, along with matching gates in any width or height.

IAE Vertical Bar is supplied as standard with a 100mm maximum gap, rolled steel joist posts, angle cleats, security fixings and round bar verticals. Box section posts and square bar verticals can be supplied if specified. The bar size increases with the height of the fence to comply with BS 1722 part 9.

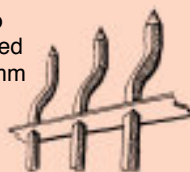
Finish is either Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated.



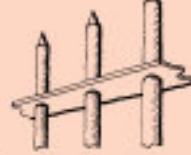
Domed Top
Recommended
1400mm or under



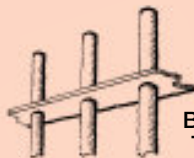
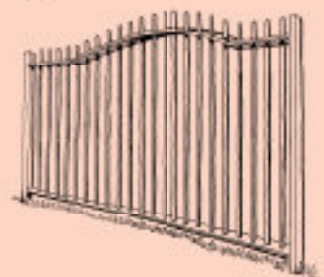
Cranked Top
Recommended
above 1800mm



Spiked Top
Recommended
above 1800mm



Convex



Blunt
Top



Turret Top



Vertical Bar Variations Available

IAE VERTICAL BAR

By the addition of one of IAE's Finial Heads, Vertical Bar can be further enhanced to become an extremely attractive feature fence. Other designs are also available and IAE can match your existing fencing if required.

CHURNET



BIGGIN



RAMSHAW



WHISTON



CALTON



DRAYCOTT



BIGGIN



BIRCHALL



BUTTERTON



CALTON



CHURNET



DENFORD



DRAYCOTT



FROGHALL



HAWKSWORTH



RAMSHAW



ROSTON



WETLEY

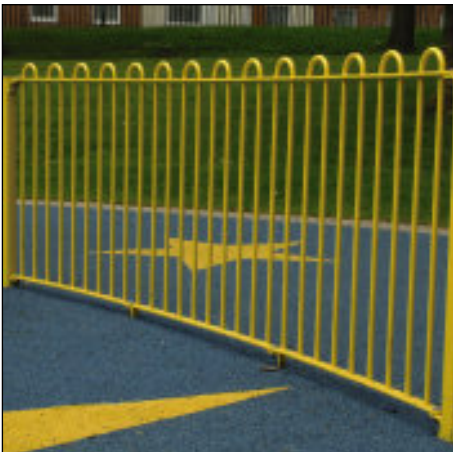


WHISTON

Finials Can Be Manufactured To Match Your Design



IAE PLAYSPEC®



IAE offer two designs of Playspec® Fencing, Playspec® Bow Top and Playspec® Flat Top. Playspec® is designed to meet the requirements of BS EN 1176 Playground equipment specification with the gaps not exceeding 89mm and free from any neck entrapments.

Two specifications are available. Standard which has a 12mm diameter infill or heavy duty with 16mm diameter infill. It is available in standard panels set at 2800mm centres from stock or manufactured in non-standard length, raked or radiused panels to suit individual requirements.

IAE Playspec® is supplied either Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated to a comprehensive range of colours.



Gates

To complement Playspec® Fencing we offer our Prosafe® Gates which can be viewed on page 35.

Standard heights: 1000 and 1200mm
Posts: 50 x 50 RHS set at 2800mm centres
Verticals: 12 mm or 16mm
Horizontal Rails: Mild Steel flat, size dependent on bar infill

Fixings: Domed headed bolts, permacone security fixings and special angle cleats which allow the panels to be stepped 0 – 16mm and 56 – 72mm on site.
Finish: Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated.



See Prosafe® Gates On Page 35

IAE BOW TOP

IAE provide the most comprehensive range of Bow Top fencing available



IAE BOW TOP



1.8m High Bow Top with RSJ posts



1m High Bow Top with RHS posts & angle cleats

Code	Height (mm)	Rails (M.S.Flat)	Bar dia (mm)	Posts	Post Centres
BT01	600mm	30x10	Ø12	50x50RHS	2800
BT02*	900mm	30x10	Ø12	50x50RHS	2800
BT03*	1000mm	30x10	Ø12	50x50RHS	2800
BT04*	1200mm	30x10	Ø12	50x50RHS	2800
BT05*	1200mm	40x10	Ø16	50x50RHS	2800
BT06	1400mm	40x10	Ø16	102x44RSJ	2750
BT07	1600mm	50x10	Ø20	102x44RSJ	2750
BT08*	1800mm	50x10	Ø20	102x44RSJ	2750
BT09	2000mm	50x10	Ø20	102x44RSJ	2750

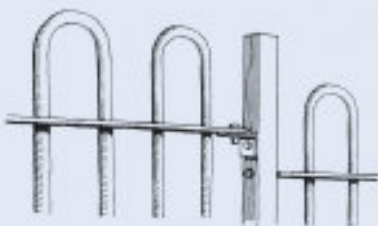
* Available from stock.

IAE provide the most comprehensive range of Bow Top Fencing available. From the cost effective Single Bow to our more elaborate Brookhouse design, we have a fence to suit every requirement.

IAE Bow Top Fencing can be supplied in standard panels from stock or manufactured in non-standard length, raked or radiused panels to suit individual requirements.

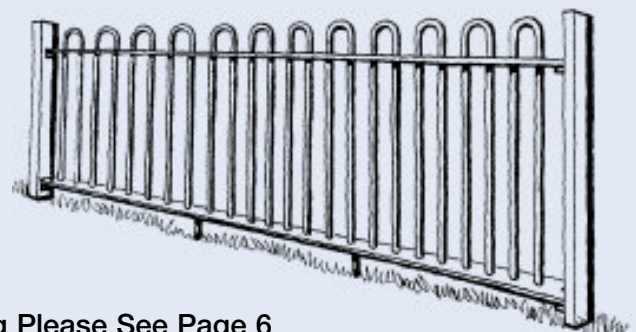
IAE Bow Top is manufactured as a minimum to comply with BS1722 part 9 where applicable and is available Hot Dip Galvanised to BS EN 1461 or Galvanised and Polyester Powder coated and in heights ranging from 600mm to 2000mm.

Gates in any width or height can be manufactured to suit all our Bow Top designs.



Fixing Detail

Security fixings and angle cleats are supplied as standard to allow the panels to be stepped on site.
RHS posts 0-16 and 56-72mm.
RSJ posts 0-29 and 79 -117mm.



For IAE Playspec® Bow Top Fencing Please See Page 6

IAE BOW TOP



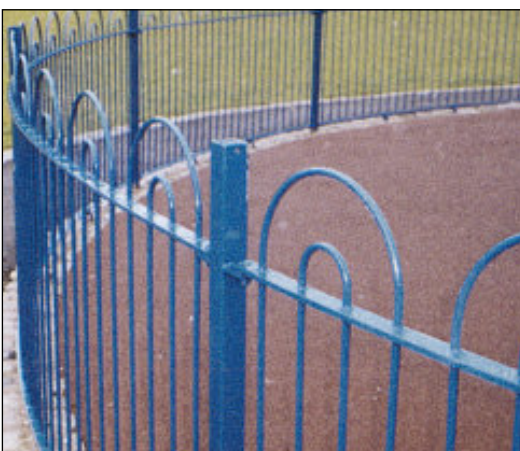
BLYTHE BOW TOP
Heights: 1000, 1200, 1400, 1600, 1800 and 2000mm.
Post centres: 2.8m max.
Infill bar size increases with height of fence.



INTERLACED BOW TOP
Heights: 600, 900, 1000, 1200, 1400, 1600, 1800 and 2000mm.
Post centres: 2.8m max.
Infill bar size increases with height of fence.



TITTESWORTH BOW TOP
Heights: 1000, 1200, 1400, 1600, 1800 and 2000mm.
Post centres: 2.8m max.
Infill bar size increases with height of fence.



HOLLINGTON BOW TOP
Heights: 1000, 1200, 1400, 1600, 1800 and 2000mm.
Post centres: 2.8m max.
Infill bar size increases with height of fence.



BROOKHOUSE BOW TOP
Heights: 1000, 1200, 1400, 1600, 1800 and 2000mm.
Post centres: 2.9m max.
Infill bar size increases with height of fence.

Matching Gates Are Available To Suit All Bow Top Designs



IAE ORNATE

At IAE we are aware that sometimes a fence is required to suit a location and theme, without the budget going through the roof. IAE Standard Ornate Designs offer the solution. All the systems are available in varying heights with gates to match and can be manufactured with Radiased or Raked panels. Standard finish is Hot Dipped Galvanised to BS EN ISO 1461 or Galvanised & Polyester Powder Coated.



Alton

Length: 2.7m nominal.
Height: 1000, 1200, 1400, 1600, 1800 and 2000mm.
Posts & infill bar size increases with the height of fence.



Blore

Length: 2m nominal.
Height: 1000, 1200, 1400, 1600 and 1800mm.
Posts & infill bar size increases with the height of fence.



Gates Available To Match All Our Standard Ornate Designs



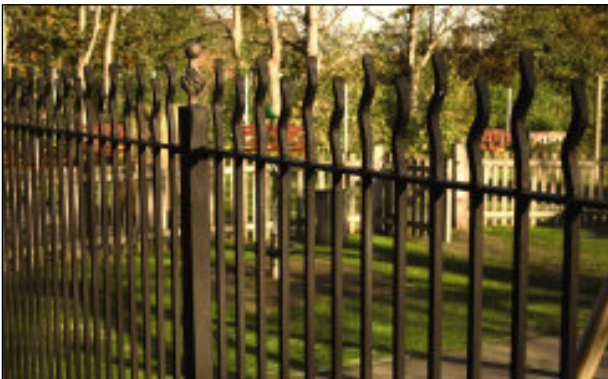
Cauldon

Length: 1.8m nominal.
Height: 1200, 1400, 1600 and 1800mm.
Posts & infill bar size increases with the height of fence.



Milldale

Length: 3.0m nominal.
Height: 1800, 2000 and 2400mm.
Posts & infill bar size increases with the height of fence.



Denstone

Length: 2.8m nominal.
Height: 1800 and 2000mm.
Posts & infill bar size increases with the height of fence.



Kingsley

Length: 2.7m nominal.
Height: 1600, 1800 and 2000mm.
Posts & infill bar size increases with the height of fence.



IAE ESTATE FENCING



Sterndale Continuous Bar
 Supplied loose with wedges for fixing.
 Length: Continuous with posts
 at 1m. intervals.
 Height: 1200mm.



During the Victorian age, Estate Fencing was probably the most common fencing erected on country estates throughout Britain. The fence had the strength to contain cattle without being visually obtrusive on the landscaped parkland. Much of the fencing erected in the nineteenth century is still in existence, but reaching the end of its working life. Until recently, replacement had been difficult, often involving expensive blacksmith-made copies. Today IAE offer Estate Fencing in a range of styles at highly competitive prices.



Moorland Fencing
 Supplied loose with wedges for fixing.
 Length: Continuous with posts every 1m.
 Height: 1200mm.

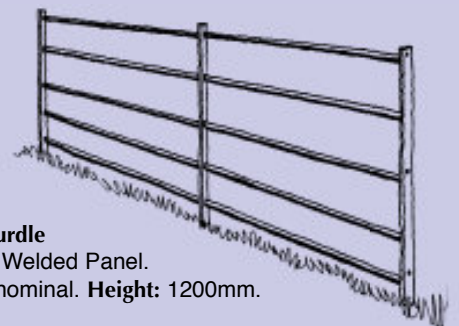
Ground Fixing Options



Devils Claw



Thrust Plate



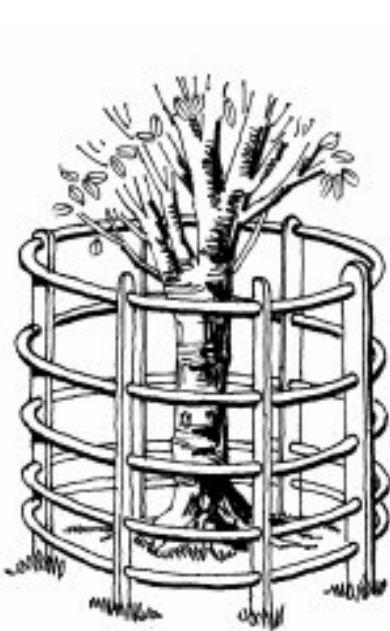
Dovedale Hurdle
 Supplied as Welded Panel.
 Length: 2m nominal. Height: 1200mm.



IAE ESTATE FENCING



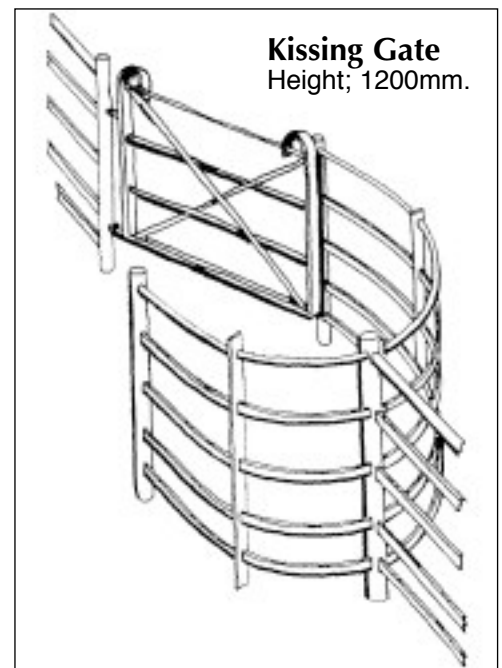
To complement our Estate Fencing we offer single leaf and double leaf gates to match, as well as, Kissing Gates and Tree Guards.



Consall Tree Guard
1200mm high x 1260mm diameter 5 rail Consall Tree Guard.
Supplied in two sections.



Longnor Tree Guard
1900mm high x 820mm/1060mm diameter Longnor Tree Guard.
Supplied in two sections



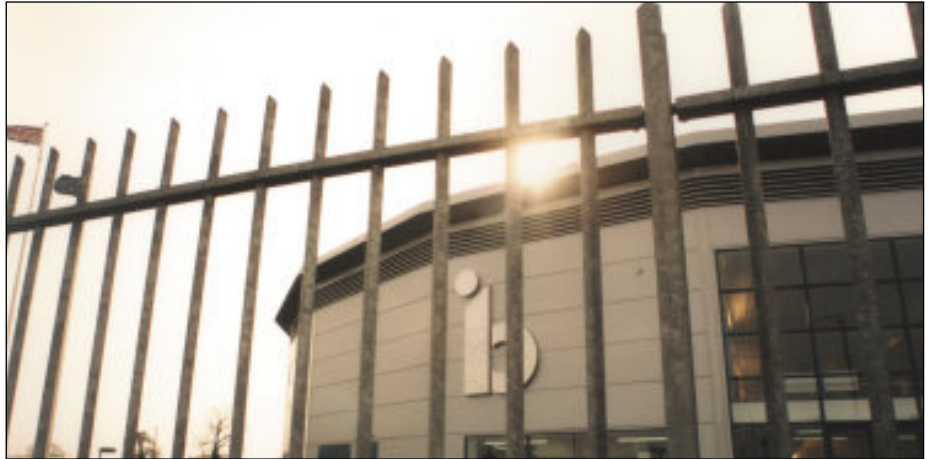
Kissing Gate
Height; 1200mm.

Estate Fencing Detail

- Standard heights:** 1200mm.
- Posts:** 40x10 / 50x10 m.s. flat set at 1M post centres.
- Top Rail:** 20mm dia bar supplied in 5M nominal lengths.
- Inter Rails:** 4 (No) 25x6 m.s. flat supplied in 5M nominal lengths.
- Fixings:** 6mm & 12mm steel wedges.
- Finish:** Dovedale hurdles, Gates, Tree Guards – Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated.
Sterndale & Moorland continuous bar – Hot Dip Galvanised to BS EN ISO 1461 only.



IAE DIAMEX®



IAE Diamex® Fencing provides a strong and aesthetically pleasing perimeter fence suitable for most requirements. Efficient manufacturing processes ensure that Diamex® Fencing is long lasting and affordable. The panels have square hollow-section verticals set at a maximum 100mm gap, heavy-duty channel horizontal rails and are supported by rolled steel joist posts.



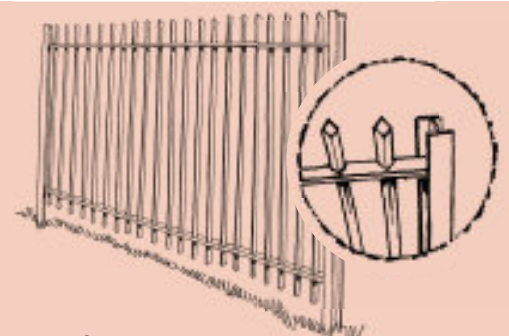
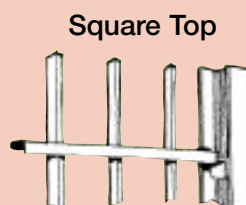
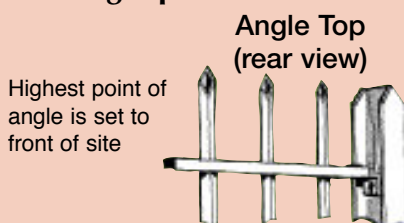
Diamex® Fencing is supplied Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated. Standard heights are 1800mm, 2000mm, 2400mm and 3000mm and can be supplied with either square or angle tops.

If undulating ground is a problem our special angle cleats allow the panels to be stepped on site and in particularly severe areas panels can be specially manufactured to suit the contour of the land.

Domed headed bolts and permacone security nuts are supplied as standard to give additional security.

Personnel and Vehicle entrance gates are also available to match all the Diamex® Fencing range.

Diamex® Fencing Options



Available From Stock: 1800 High Square Top, 2000 & 2400 High Angle Top

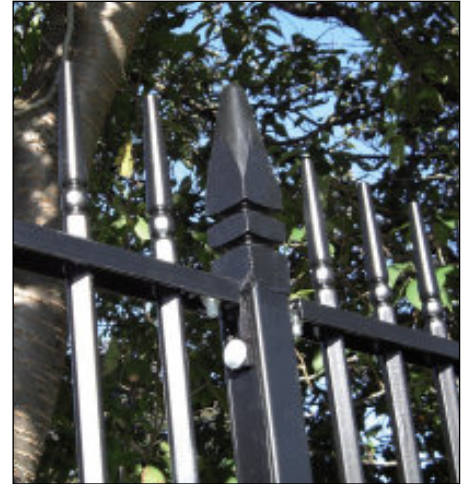
IAE Diamex®

To complement our standard Diamex® fencing, we offer four alternative designs. All have the same specification as our standard range, but each offer an additional feature.



Diamex® Elite

An attractive and appealing fence, combining the strength of Diamex® with a more traditional appearance.



Diamex® Prestige

Elite further enhanced by the addition of a box section post with feature top.



Diamex® Dart

Diamex® Dart is supplied with angle top rolled steel joist posts as standard and has a pressed steel spear to the top of each vertical.



Diamex® Deterrent

Diamex® Deterrent is supplied with angle top verticals as standard, and a crank to the top of each vertical which makes the fence even more intimidating to the would be intruder.

- Standard heights:** 1800, 2000, 2400 and 3000mm.
- Posts:** 102x44 RSJ at 2750 post centres. Prestige: Box section posts. Centres and size of post dependent on fence height.
- Vertical:** 25x25 SHS set diamond to view to give a maximum gap of 100mm.
- Horizontal Rails:** Heavy duty rolled steel channel. Up to 2400mm high - 2 (No), 3000mm high - 3 (No).
- Fixings:** Domed headed bolts, permacone security fixings and special angle cleats which allow the panels to be stepped 0-35mm and 85-123mm on site.
- Finish:** Hot Dip Galvanised to BS EN ISO 1461 or Galvanised & Polyester Powder Coated.

Matching Gates Are Available To Suit All Diamex Designs



IAE ROUNDX®



IAE Roundex® Fencing is a strong, durable, and yet cost effective boundary fence. It is fabricated from circular hollow section verticals, set at a maximum 100mm gap and welded to mild steel horizontal flat rails with RSJ support posts.

Roundex® Fencing is available in three heights 1800mm, 2000mm & 2400mm and is supplied with special angle cleats to overcome uneven ground along with permacone fixings for added security. If budget is a priority, there's no need to compromise IAE Roundex® 'fits the bill'.

IAE Roundex® Elite

IAE Roundex® Elite Fence has forged tops onto the vertical hollow sections which visually enhance all the standard features of the Roundex® Fence creating an appealing security fencing system. It is commonly specified to the front of premises to offer that extra impact, when standard Roundex® is used elsewhere on site.



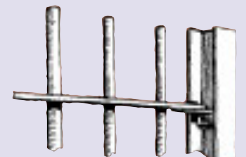
- Standard heights:** 1800, 2000 and 2400mm.
- Posts:** 102x44 RSJ at 2750 post centres.
- Vertical:** 25mm O.D. CHS set to give a maximum gap of 100mm.
- Horizontal Rails:** Mild Steel Flat.
- Fixings:** Domed headed bolts, permacone security fixings and special angle cleats which allow the panels to be stepped 0-29mm and 79-117mm.
- Finish:** Hot Dip Galvanised to BS EN ISO 1461 or Galvanised & Polyester Powder Coated.

Roundex® Fencing Options

Angle Top
(rear view)



Square Top



Available From Stock: 1800 & 2000 High Square Top, 2400 High Angle Top
Personnel And Vehicle Entrance Gates Are Available To Match Roundex®



IAE Sawtex Fencing, with its profiled serrated top, acts as a formidable obstacle to the unwanted visitor. Manufactured with square hollow section posts, horizontal rails and verticals set diamond to view with a maximum gap of 100mm. Supplied with security fixings, the Sawtex fence is strong, robust and stylish. A full range of personnel and vehicular entrance gates are available to match IAE Sawtex Fencing.

Standard finish is Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated.

Standard heights: 1800, 2000, and 2400mm.

Posts: Set at 2.8m nominal centres.
1800 & 2000mm high - 70x70 SHS.
2400mm high - 80x80mm SHS.

Vertical: 25x25 SHS set diamond to view and to give a maximum gap of 100mm.

Horizontal Rails: 50x50 SHS.

Fixings: Internal connectors, domed headed bolts and permacone security fixings.

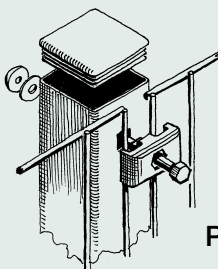
Finish: Hot Dip Galvanised to BS EN ISO 1461 or Galvanised & Polyester Powder Coated.



IAE V-MEX[®]

IAE's most cost effective perimeter fence.

IAE V-mex[®] is designed as an unobtrusive fence, offering a good level of security. The welded mesh panels with longitudinal profiles are manufactured from 6mm horizontals and 5mm vertical wires to give 200mm x 50mm maximum wire centre spacings. Available in two heights 2M & 2.4M it is fixed to 60 x 60mm RHS posts set at 3M nominal centres using heavy-duty steel fixing clamps.



Post Fixing Detail.

- Standard heights:** 2000 and 2400mm.
- Posts:** 60x60 RHS set at 3M nominal centres.
- Wire:** Horizontals 6mm diameter set at 200mm maximum centres.
Verticals 5mm diameter set at 50mm maximum centres.
- Profiles:** 3 per panel.
- Fixings:** Tamper proof fixings comprising steel clamp with recessed face and permacone security fixings.
- Finish:** Galvanised Wire & Polyester Powder Coated.



V-mex[®] Fencing And Gates Are Available From Stock

IAE ZEBEX®



The Mesh
to Impress

IAE ZEBEX®

The stylish stripe effect design ensures that Zebex® remains our most popular mesh fence system. It is available from stock either 2M or 2.4M high.

The Zebex® panels are manufactured from 6mm horizontals and 4mm vertical wires with the attractive stripe effect formed by a combination of five 150mm x 22mm and two 150mm x 40mm spacings. Three pressed beams for additional lateral strength are also included within each panel.

The Zebex® panels are supported on strong 60 x 60mm RHS posts which are supplied with heavy-duty steel fixing clamps to hold it sturdily in place. The steel clamps are specially designed to ensure that the bolt head is concealed within it and it is also supplied with a permacone security nut for extra security.

Excellent visibility through the fence and Zebex's® aesthetic appeal makes it suitable for almost any application.

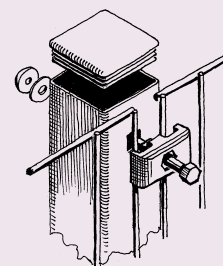


Zebex® Gates From Stock - 1.2M Single, 4.3M & 6.3M Double



- Standard heights:** 2000 and 2400mm.
Posts: 60x60mm RHS set at 3M nominal centres.
Wire: Horizontals 6mm diameter set at 150mm maximum centres.
 Verticals 4mm diameter set at 40mm and 22mm centres.
Profiles: 3 per panel.
Fixings: Tamper proof fixings comprising steel clamp with recessed face
 and permacone security fixings.
Finish: Galvanised wire & Polyester Powder Coated.

Post Fixing Detail

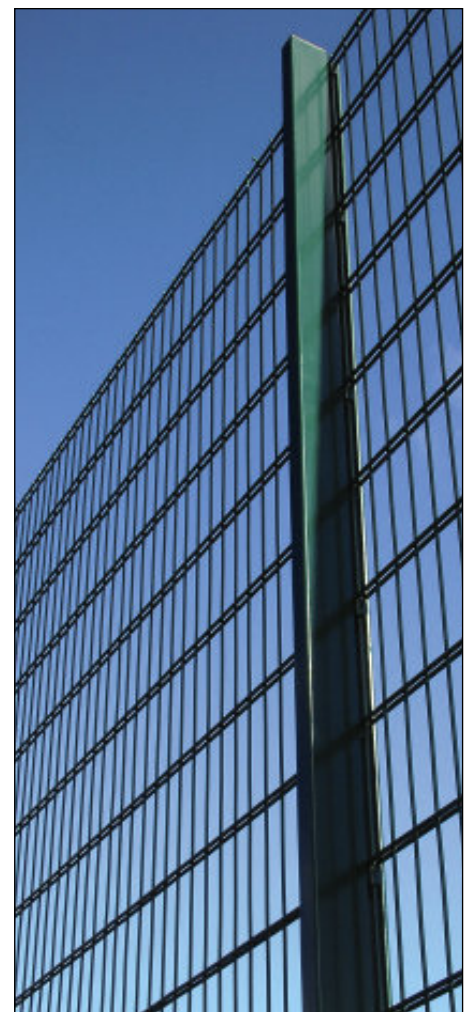


Available From Stock

IAE DUEX® 868

Duex® 868 is a rigid yet unobtrusive mesh fencing system. It is often used as a perimeter fence for industrial or commercial premises and sports pitches where a strong mesh fencing system is required.

The inherent strength within the panels is gained by sandwiching a 6mm vertical wire between two 8mm horizontal wires. This ensures that the heavy-duty panels offer an extremely high resistance to vandalism. Duex® 868 panels are then fixed to strong rolled hollow section posts using stainless steel security fixings and a full-length clamp strip. Duex® 868 is available 1030, 2030, 2430, 3060, 4060 and 4870mm high and a full range of single, double and sliding gates are available to match.



Standard heights: 1030, 2030, 2430, 3060, 4060 and 4870mm.

Above 2430 is supplied as 2 panels.

Posts: Set at 2520mm nominal centres.

Up to 2430mm high - 60 x 40 RHS

3060mm high - 80 x 40 RHS

4060mm high - 100 x 50 RHS

4870mm high - 120 x 60 RHS

Wire: Horizontals - 2(no) 8mm diameter set at 200mm.

Verticals - 1(no) 6mm diameter set at 50mm.

Fixings: Posts nutserted to receive stainless steel fixings and full length clamp strip.

Finish: Hot Dip Galvanised to BS EN ISO 1461 or Galvanised & Polyester Polyester Powder Coated.



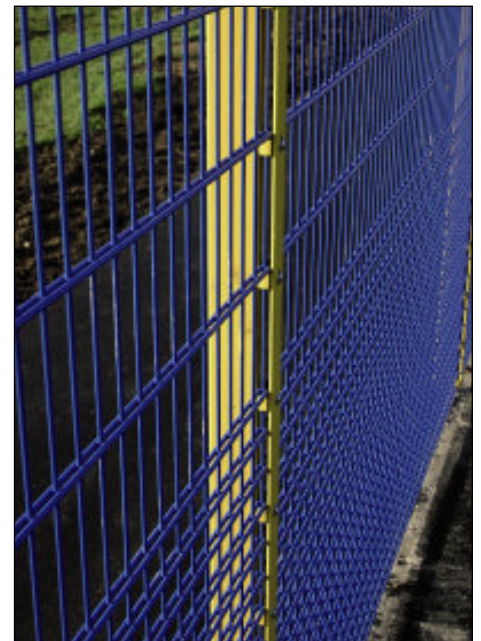
Duex® Fencing And Gates Are Available From Stock



Duex® Rebound

By the addition of extra 8mm diameter wires to the bottom 1200mm section of the Duex® 868 panels it makes the bottom of the fence extremely rigid and ideal for multi-use games areas.

Duex® Rebound can be combined with our heavy duty Hot Shots Goal Ends to meet a budget if required.



Goals

Can be supplied with or without basketball provision to match.

For heavy duty MUGA Goals see page 30



IAE FORTEX® 358



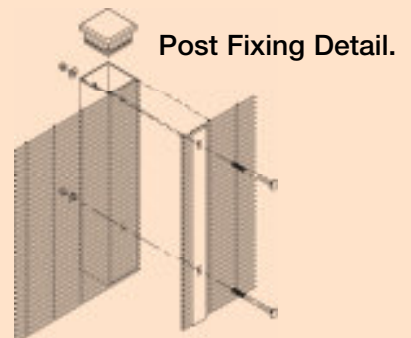
Fortex® 358 or 'prison mesh' as it is commonly known is a security mesh fencing system with narrow apertures. This prevents the 'would be intruder' having any foot or finger holds therefore making it extremely difficult to climb. The Fortex® panels are overlapped at each post and secured by a full length clamp strip, domed headed bolts and permacone security fixings. The introduction of colour has now made the Fortex® 358 system a popular choice when security is paramount.

Fortex® Beam

The inclusion of two pressed beams to Fortex® adds additional rigidity to the panel. The heights vary slightly but the posts and fixing detail remain the same.



- Standard heights:** 2135, 2440 and 3000mm.
All other heights available on request.
- Posts:** Set at 2440mm nominal centres.
2135mm - 60 x 60 RHS
2440mm - 70 x 70 RHS
3000mm - 80 x 80 RHS
- Wire:** 4mm diameter with a mesh size of 76.2 x 12.7mm.
- Fixings:** Galvanised bolt, permacone security nut and full length clamp bar.
- Finish:** Posts and clamp bar - Hot Dip Galvanised to BS EN 1461 or Galvanised & Polyester Powder Coated.
Panels - Galvfan or Galvanised and Polyester Powder Coated.



IAE PEDESTRIAN GUARDRAILS

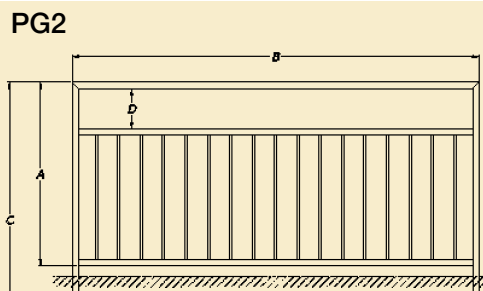
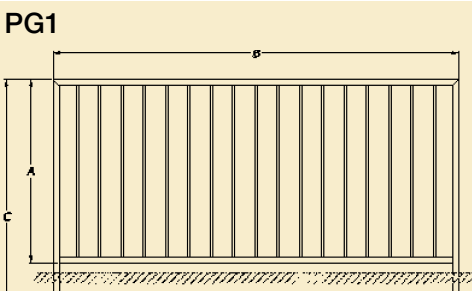


Designed to protect adults and children at road junctions and crossings, Pedestrian Guardrails are also ideal as perimeter fences to running tracks and play areas. Standard panels are 2m long and manufactured from 50 x 30mm RHS frame with either a 12mm or 16mm diameter infill set at 110mm centres.

IAE can also manufacture Special Guardrail Panels to individual customer requirements.



Type	Infill (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Type	Infill (mm)
PG1	12	900	2000	1350	N/A	PG1B	16
PG2	12	900	2000	1350	200	PG2B	16
PG3	12	900	2000	1350	N/A	PG3B	16
PG4	12	900	2000	1350	200	PG4B	16



Finish: Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated.

PG3, 3B, 4 & 4B
Have staggered infill bars.



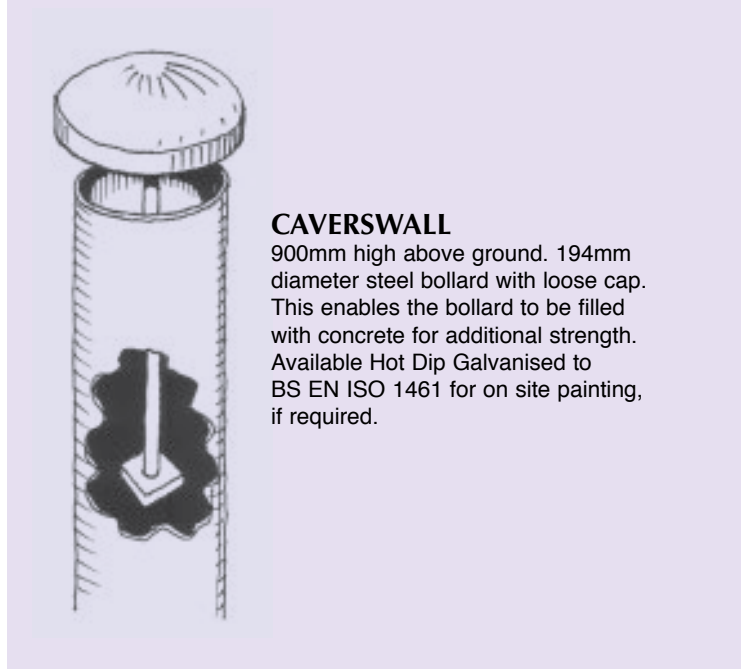
PG1 & PG2 Available From Stock



IAE BOLLARDS

IAE offer a selection of Fixed Steel and Stainless Steel Bollards and Telescopic Posts to suit most locations.

STEEL BOLLARDS



CAVERSWALL

900mm high above ground. 194mm diameter steel bollard with loose cap. This enables the bollard to be filled with concrete for additional strength. Available Hot Dip Galvanised to BS EN ISO 1461 for on site painting, if required.



FULFORD

900mm high above ground. 114mm diameter with one groove and steel cap. 1200mm overall length. Available Hot Dip Galvanised or Polyester Powder Coated.



LEEK

900mm high above ground. 168mm diameter with two feature rings. 1200mm overall length. Available Hot Dip Galvanised to BS EN ISO 1461 or Polyester Powder Coated.



HINGED PARKING POST

900mm above ground, 60.3mm diameter. Available Hot Dip Galvanised or Polyester Powder Coated.



STAINLESS STEEL BOLLARDS

IAE Stainless Steel Bollards are a statement of elegance combining attraction with function in the protection of any location.



RUDYARD
114mm diameter. 900mm high above ground. 300mm in.



IPSTONES
114mm diameter. 900mm high above ground. 300mm in.



BRAMSHALL
114mm diameter. 900mm high above ground. 300mm in.

TELESCOPIC POSTS

The Telescopic Posts are designed with ease of use in mind, it only takes seconds to raise each one and lock it in place using its integral security lock system. When not in use the pole simply slides back into the ground leaving only a small steel cover plate flush mounted with the ground.



ECTON
89mm outer diameter.
670mm raised height.
Lift up weight 12kg.



HULME
90mm x 90mm square post.
670mm raised height. Lift up weight 15kg.



Ecton and Hulme telescopic posts have anti ram protection as standard. At the sheer point (ground level) they have an integral reinforced steel sleeve built in. They are available either Hot Dip Galvanised or Galvanised & Polyester Powder Coated. Standard colours are Black or Yellow.



IAE KNEE RAILS

IAE Knee Rails / Anti-Parking Barriers are a simple solution to the problem of preserving areas and keeping vehicles at bay.



AP50

Wave Effect Knee Rail. Height: 750mm nom. (Highest point above ground).
Post set at 2000mm centres. Curved Rail and posts: 140mm tube.
Finish: Hot Dip Galvanised to BS EN ISO 1461.



AP20

Height: 500mm (above ground).
Posts set at 1500mm centres.
Rail: 48mm O/D tube.
Supplied loose in 6M nominal lengths.
Finish: Hot Dip Galvanised to BS EN ISO 1461.



AP30

Height: 500mm (above ground).
Posts set at 1500mm centres.
Rail: 114mm O/D tube.
Supplied loose in 6M nominal lengths.
Finish: Hot Dip Galvanised to BS EN ISO 1461.



AP40

Height: 400mm to top of horizontal rail, 650mm to top of post.
Posts 168mm tube with feature bands and cap set at 2000mm centres*
*(Please note photo shows post at 1500 centres).
Rail: 70x70mm square hollow section.
Finish: Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated.



IAE Also Manufacture To Customer Designs

IAE TOP SHOTS GAMES AREAS



BUILT TO
LAST

IAE TOP SHOTS GAMES AREAS

IAE's Top Shots Games Areas are manufactured to comply with the requirements of PAS 30. They are 'built to last', with the heavy-duty fencing being probably the strongest and most durable available in today's market place.

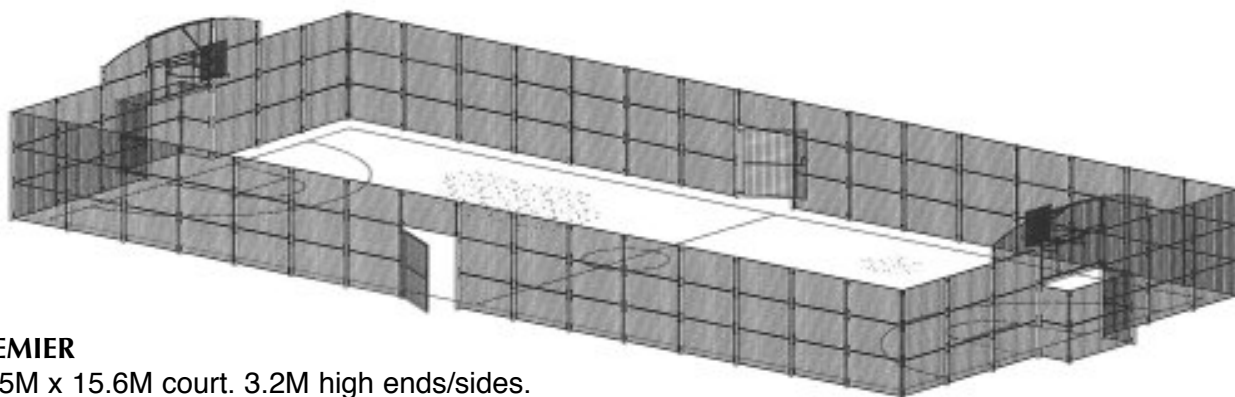
Standard panels are 1050mm high and are supplied in multiples to offer nominal finished fence heights of 1100mm, 2150mm and 3200mm. They are manufactured from 50mm x 41mm steel grid and framed top and bottom with square hollow section. The posts are fabricated from 100mm x 100mm SHS with the cleats set so that the panels align with the front of the post to offer a flush playing surface.

IAE multi use games area fencing is supplied Hot Dip Galvanised to BS EN ISO 1461 and Polyester Powder Coated as standard. Various designs and options are available and with IAE's manufacturing expertise special requirements can normally be accommodated.



IAE TOP SHOTS GAMES AREAS

Details show “typical” layouts only.
Variations are normal to suit site and customer requirements.

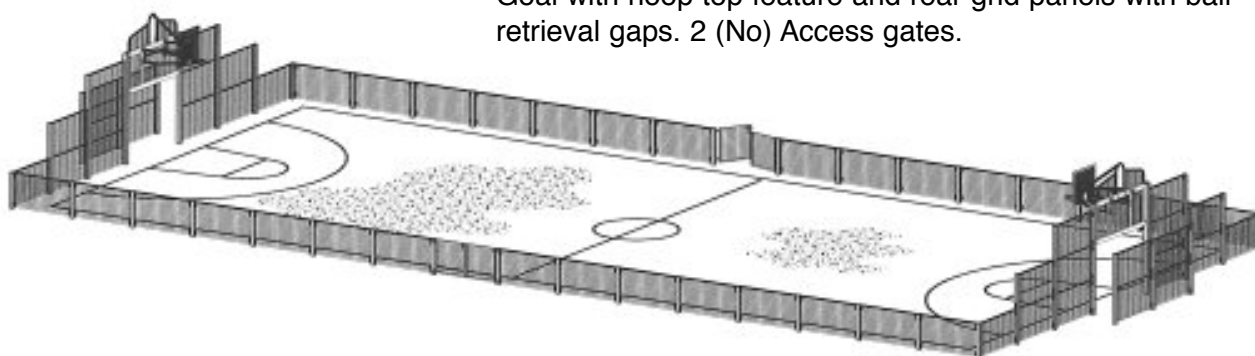


PREMIER

33.5M x 15.6M court. 3.2M high ends/sides.
Recessed goals with arch top. 2 (No) Access gates.

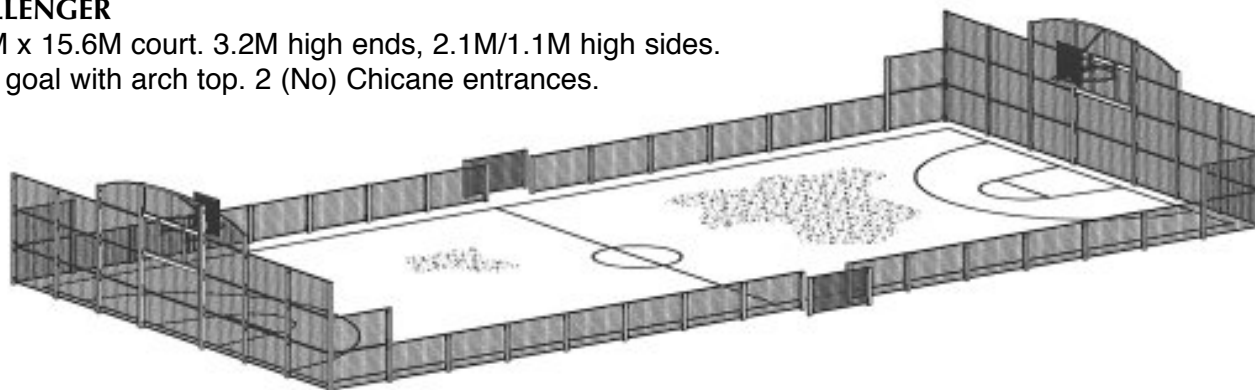
SHOOTER

33.5M x 15.6M court. 3.2M, 2.1M & 1.1M ends/sides.
Goal with hoop top feature and rear grid panels with ball retrieval gaps. 2 (No) Access gates.



CHALLENGER

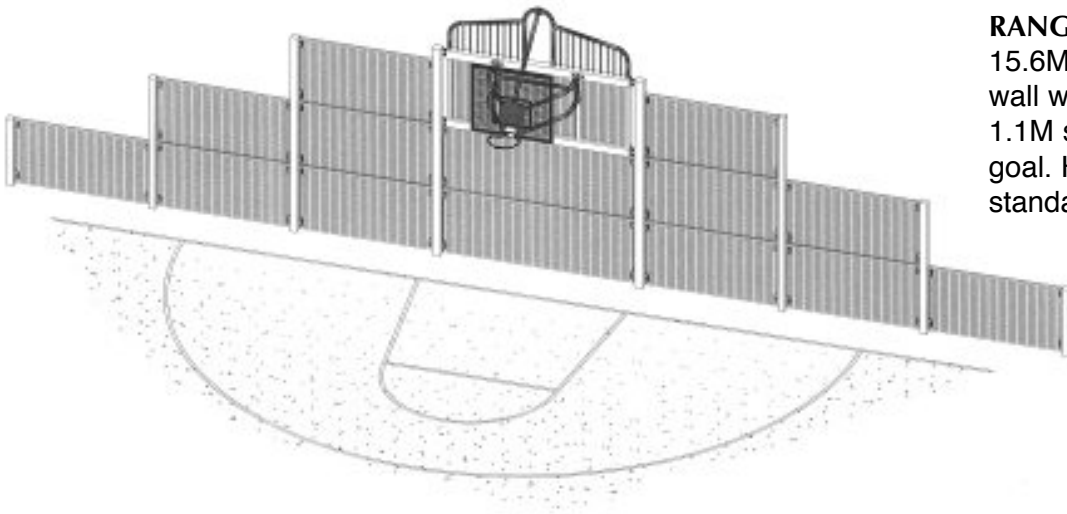
33.5M x 15.6M court. 3.2M high ends, 2.1M/1.1M high sides.
Inline goal with arch top. 2 (No) Chicane entrances.



Manufactured To Comply With The Requirements Of PAS 30



IAE TOP SHOTS GOAL ENDS

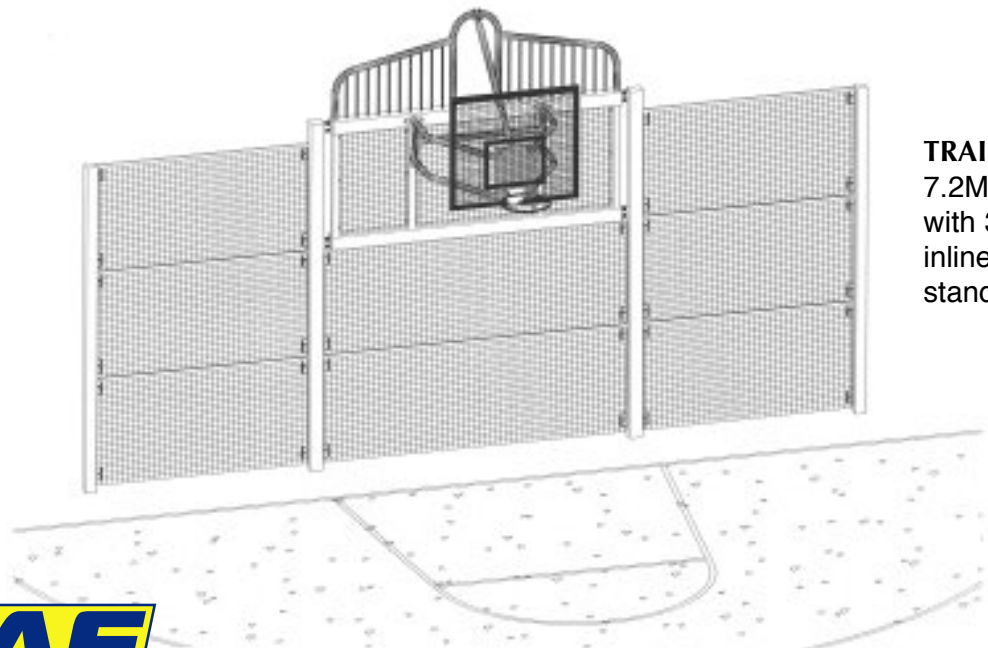
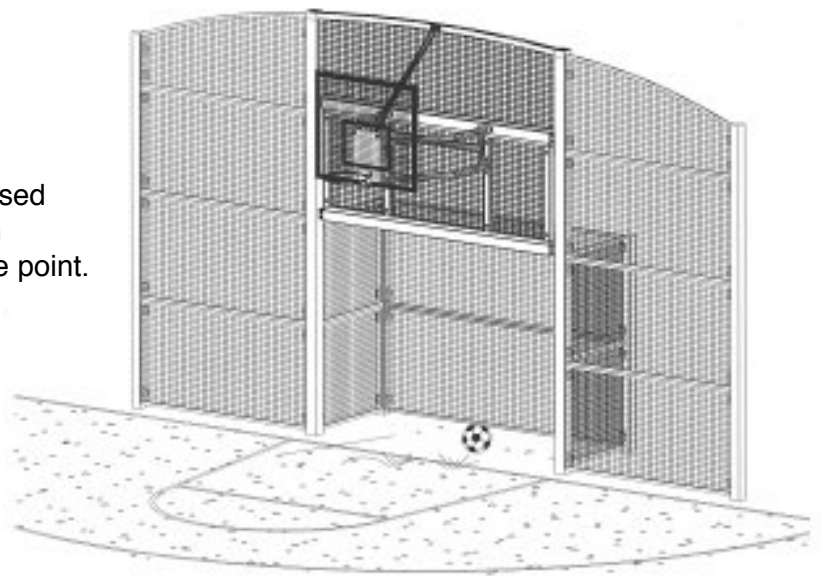


RANGER

15.6M long goal shooting wall with 3.2M, 2.1M and 1.1M side panels and inline goal. Hoop top feature is standard on the Ranger unit.

STRIKER

7.2M long goal shooting wall with recessed goal. Arch top feature is standard which extends from 3.7M to 4.2M at the centre point.



TRAINER

7.2M long goal shooting wall with 3M high side panels and inline goal. Hoop top feature is standard on the Trainer unit.



IAE TOP SHOTS GAMES AREAS



Modified **PREMIER** court with chicane entrances and hoop top feature above recessed goal.



SPECIAL - Basketball post built within fenceline.



STRIKER - Goal shooting wall



OPTIONAL EXTRAS
Cricket stumps and ball targets. (These can be easily fixed to the grid panels).

Variations To All Designs Available



IAE BARRIERS

Hoop Barriers

IAE's Hoop Barrier range includes a 48mm O.D. cycle stand and 60mm and 76mm O.D. hoop barriers that are commonly use to form a boundary to prevent vehicle access.

All hoop barriers are available with base plates or root fixed.

Finish: Hot Dip Galvanised to BS EN ISO 1461, or Galvanised and Polyester Powder Coated.



To Order please specify:
Type.....
Surface or Root Fixed

Finish.....

Type	Tube Size	Length	Height (Above ground)
CP8	48.3mm	750mm	800mm
HB10	60.3mm	1500mm	1000mm
HB20	76.1mm	1500mm	1000mm
HB20	76.1mm	2000mm	1000mm

Special Hoop Barriers can be made to customer requirements

Barrier Gates

IAE Barrier Gates are manufactured to standard sizes and to customer requirements. They are supplied as standard Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated.

Standard fixing detail is hasp and staple with a protective shroud to the padlock area.

Holding back posts are available as an extra.



To Order please specify:
Length.....
Finish.....
Holding Back Post if required

Gate Specification	
Length	Frame
3500mm	50 x 50 RHS
4500mm	70 x 70 RHS
6000mm	70 x 70 RHS

Post Specification	
Hanging	Slam/ Holding Post
100 x 100 RHS	80 x 80 RHS
120 x 120 RHS	100 x 100 RHS
150 x 150 RHS	100 x 100 RHS



Height Restrictor Barriers Also Available

IAE PROSAFE® GATE

IAE's Prosafe® Hydraulic Self Closing Gate is manufactured to comply with BS EN 1176 for playground equipment, making it free from finger traps, crush points and shear actions that could cause injury.

The Prosafe® Gates have a built in dual action hydraulic unit, which is fully shielded to prevent vandalism. This mechanism makes IAE Prosafe® Self Closing Gate virtually impossible to slam shut and prevents it from bouncing back when pushed hard. It has an anti-trap mechanism and cannot swing beyond its stop point. The gate is adjustable and can be set to conform with ROSPA's recommendations.

Available 1000mm or 1200mm high, in a Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated finish. Standard colours are Yellow RAL 1021 or Red RAL 3000 but all other colours are available on request.



Maintenance Gates

3m Double Leaf Maintenance Gates are available 1000mm or 1200mm high.

A self closing mechanism is not included, but lockable drop bolts and sliding bolt are standard.



Standard heights: 1000mm and 1200mm.
Length: Actual gate 1100mm.
Between posts 1205mm.
Finish: Hot Dip Galvanised to BS EN ISO 1461 or Galvanised and Polyester Powder Coated.
Standard colours are Yellow RAL 1021 or Red RAL 3000.

1. Integral anti-finger stop mechanism.
2. Slamplate with rubber buffer.
3. Dual action concealed hydraulic unit.
4. Posts nutserted to take IAE Playspec® fencing.

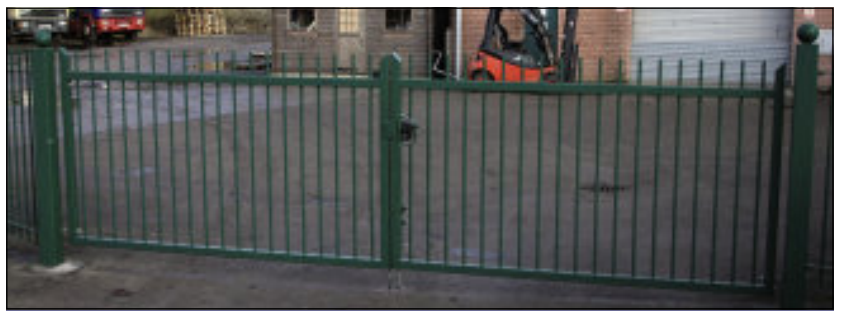


GATES

IAE can manufacture single, double and sliding gates to almost any design. Shown below are a selection of standard and special gates supplied on recent contracts.



1800 High Bow Top



Roundex® gate with spheres as extra on posts



Duex® Rebound gate



GATES



Vertical bar gate with Convex top



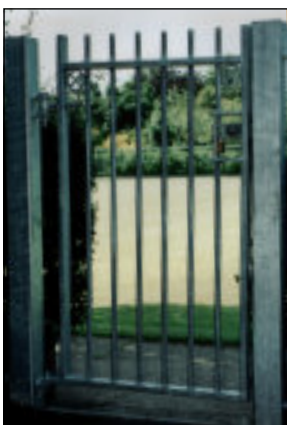
V-mex® gate



Duex® gate with lintel above



Sawtex gate



Denstone gate

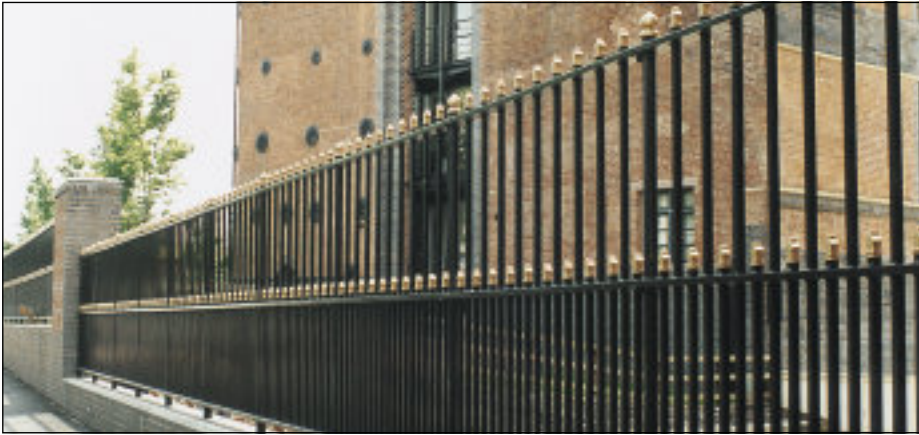


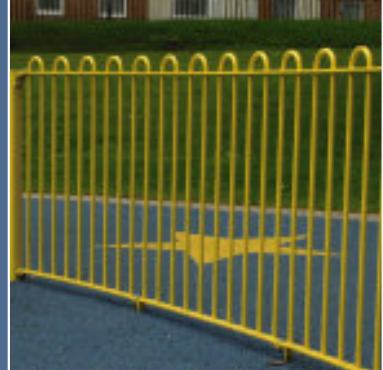
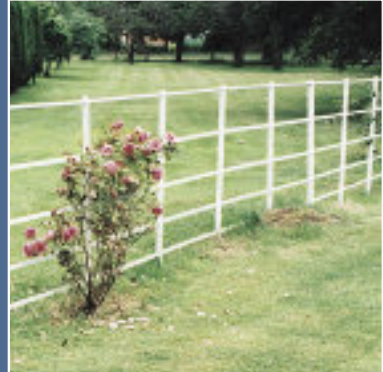
SPECIALS

IAE are frequently working with and manufacturing to architects and customer designs. Shown here are a few of the many projects undertaken nationwide.



SPECIALS





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IAE reserve the right to alter design and specification without prior notice.