

A close-up, high-resolution photograph of a tiger's face, focusing on its eyes and the distinctive orange and black stripes of its fur. The tiger is looking directly at the camera with a steady gaze.

**NOVA DURA**<sup>TM</sup>  
ANTIBACTERIAL ANTIGRAFFITI

prima<sup>+</sup>  
DURA

Anti Graffiti Durable Superior  
Aluminium Signage & Cladding  
NovaDura provides the solution

NovaDura Ltd , Lower Draught Gates Farm, Burnley Rd, Colne, Lancashire, BB8 8PW

Contact us for order follow-up & shipping, general enquiries,  
price requests, graphics enquiries and technical support

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**Web:** [www.novadura.com](http://www.novadura.com)  
**Twitter:** @NovaDuraUK

**Do your customers require products with superior anti-vandal or anti-graffiti properties?**

**Do you have the demand for your products to be anti-bacterial?**

**NovaDura™ provides the solution.**

NovaDura™ is an innovative range of highly durable anti-graffiti, vandal resistant, recyclable printed signage and cladding.

primaDURA™ is our flagship coated & printed Aluminium product, providing outstanding full-colour print quality and long-term resistance to UV and exterior weather conditions. Also available in woodgrain finish for decorative & bespoke products with anti-bacterial options.

primaDURA is perfect for prestigious high street signage such as the banking sector, national heritage, railway and underground signage where their flagship product meets vehicle category specifications of BS EN 45545-1: 2013 and satisfying the requirements of LUL1-085:Issue 3:2011 for use on the London Underground.

## **What is NovaDura primaDURA?**

Based on a revolutionary 4-stage process incorporating a direct-to-substrate printing method utilising specialised patented inks, primaDURA™ offers unbelievable durability and anti-graffiti protection.

The combination of the highly abrasion and scratch resistant coatings and aluminium base material provides a robust finish against attention by vandals.

The outstanding durability, quality aesthetic appearance achieves the necessary approvals for use on The London Underground and use on rolling stock.

primaDURA™ provides a cost-effective alternative to vitreous enamel signage in both prestigious high street and rail applications.

primaDURA signs are very tough and durable, outperforming, by far, most other sign products on the market.

primaDURA signs are made from 3mm powder coated aluminium (other thicknesses are available on request). They are then FULLY encapsulated in our special heat treated formula to protect the signs' integrity.

Supported with a 10 year exterior warranty to EN ISO 4618:2014 for weathering resistance and BS3900 for colour fastness.

## Benefits & Advantages of primaDURA?

- No rust or corrosion.
- Heat resistant.
- 10 year UV warranty against fading to BS3900 standard.
- Resistant to paint and indelible markers.
- Resistant to damage from harsh weather environments, salt and air carried chemicals.
- Easy clean - Anti-vandal/graffiti resistant properties.
- Anti-bacterial option.
- Outstanding print quality.
- Moisture resistant.
- Comparable to vitreous enamel at significantly reduced cost.



# The Process



- Hard, clear anti-graffiti & UV protective coating
- Direct to substrate print
- Base coat
- Pre-treated aluminium



100% Recyclable



Anti-Graffiti resisting both Aerosol Paints, Acrylic Paints, Permanent Markers & Dyes



EN ISO 4618:2014 10 Year Warranty  
EN ISO 2810:2004 for Weathering Resistance  
ASTM G154 500 Hrs. QUVB Accelerated Ageing for Gloss Retention & Colour Fastness



Passes Test 4RS efficacy test for Graffiti Removal and Graffiti Resistance on Train Rolling Stock



Passes the Test Methods of BS 3900-0:2010 for Durability, Scratch & Impact Resistance



Reaction to Fire BS EN 13501-2:2007 + A1:2009 - Complies with the requirements Classes B, d0, Passes BS 476-6 + A1:1999, (Class 0) and BS 476-7:1997 (Class 1) for Surface Spread of Flame and Fire Propagation



Service Temperature -40°C - +90°C  
UV & Frost Resistant



Conforms to BS EN 45545-1:2013 for the protection of passengers and staff in railway vehicles in the event of a fire on passenger carrying trains  
Conforms to LUL-1-085:Issue 3:2011 for use on the London Underground



Excellent Exterior Performance  
Resistant to Salt Spray



Resistant to Acids & Alkalis

- ✓ **Totally Bespoke & Full Colour Digital Print Quality up to 1300DPI**
- ✓ **Maximum Dimensions of 3000mm x 1000mm & Thicknesses of 2mm & 3mm**
- ✓ **Easy Clean & Low Maintenance**

# Wall: Flat Plates

## Plate

Made from 3mm aluminium sheet. Alternative thicknesses are available on request. All signs will be supplied with radius corners unless specified otherwise.

Signs will be supplied with 4x 6mm holes at 12mm centres. Holes can also be positioned to your specified requirements.

Signs can be supplied with NO holes if specified, or supplied with stud fixings. Signs can be made to any shape.

## Size

There is no minimum size.

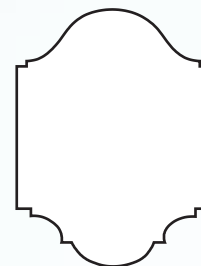
Maximum in one piece is 3000mm X 1500mm or any size and shape in between landscape or portrait.

## Colours

All plates are fully powder coated. A full range of RAL colours is available.

## Graphics

A full range of colours are available for text, graphics or logos. Alternatively, we can provide full-colour digital images.



# Plate and Post

## Plate

Made from 3mm aluminium sheet.  
Shaped plates are also available.

## Size

There is no minimum size. Maximum in one piece is 3000mm x 1500mm or any size in between - landscape or portrait.

## Colours

All plates are fully powder coated. A full range of RAL colours is available.

## Graphics

A full range of colours is available for text, graphics or logos. Alternatively, we can provide full-colour digital images.

## POSTS

There are two aluminium post profiles available.



Square



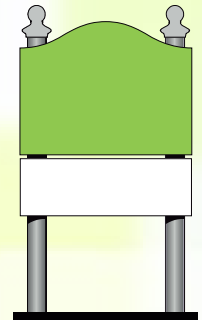
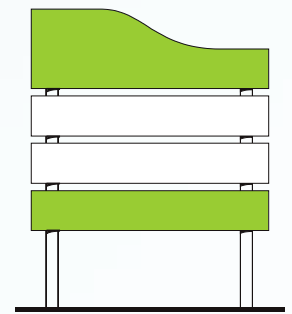
Circle

## Sizes

The maximum post length is 3000mm.

## Options

Coloured insert caps - finials - base embellisher post clips - double sided and adjustable straps.



# Tray Signs

Trays are available for wall and post mounting.

## Trays

Made from 3mm aluminium, plate with folded returns and welded corners.

## Size

Minimum tray size is 150mm x 150mm. Maximum tray size (in one piece) is 2900mm X 1400mm with 50mm returns, or any size in between - landscape or portrait.

## Colours

All plates are fully powder coated. A full range of RAL colours is available.

## Graphics

A full range of colours is available for text, graphics or logos. Alternatively, we can provide full colour digital images.

## POSTS

There are five aluminium post profiles available.

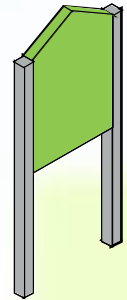
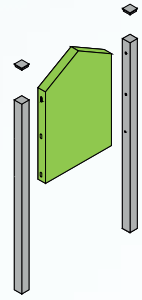


## Sizes

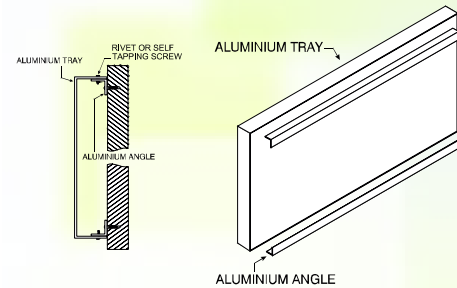
Maximum post length is 3000mm.

## Options

Five finials available for round or square posts - base embellisher - post clips - double sided and adjustable straps.



## WALL MOUNTED TRAY FIXING



# Finger Posts

A hexagonal headed screwdriver is all you need to assemble this product. The sockets are slotted over the posts and secured by grub screws. All sockets are able to rotate 360° and can, therefore, be positioned before securing.

## Plate

Made from 3mm aluminium sheet, which is fitted into a purpose made finger socket.

## Size

Standard arm size is 750mm x 165mm (including the chevron end).

## Colours

Full range of RAL colours is available.

## Graphics

A full range of colours is available for text, graphics or logos. Alternatively, we can provide full-colour digital images.

## POSTS

This system is designed to use 76mm round aluminium posts only.



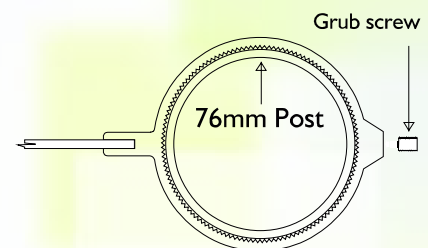
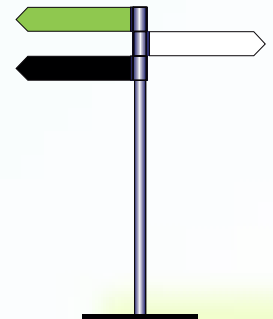
Circle

## Sizes

The maximum post length is 3000mm.

## Options

Coloured insert caps - finials - base embellisher.





# Hooped Signs

## Plate or Tray

Made from 3mm aluminium with folded lugs or trays with nut inserts.

## Size

Max Flat sheet size is 3050mm X 1500mm.

Max tray size is 2900mm x 1400mm with 50mm returns.

## Colours

All plates are fully powder coated. A full range of RAL colours is available.

## Graphics

A full range of colours is available for text, graphics or logos. Alternatively, we can provide full-colour digital images.

## POSTS

This system is designed to use 76mm round posts only.



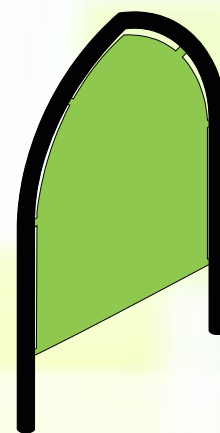
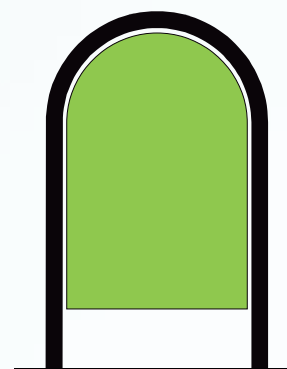
Circle

## Sizes

The maximum post length is 3000mm.

## Options

Base embellisher.

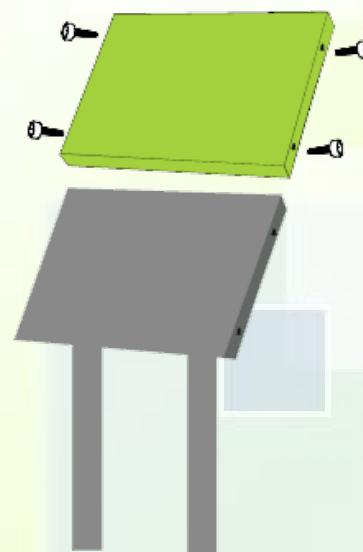


# Lecterns and Bespoke

A large number of interpretation panels and signs are now mounted as a lectern frame.

These are set at a 45° angle. This is found to be the most popular, as it allows an audience of adults, children and wheelchair users to gain access and read the information easily. Our standard lecterns are made using a 3mm aluminium tray system, but we are able to design and fabricate to your specification, if you are looking for something a little bit different.

We are also able to fabricate monoliths or any other bespoke products you may require. For a chat about available options please call us on 01282 867390.



## Posts



### Mild Steel Grey Plastic Coated

Round road traffic post. Sizes are 50mm & 76mm diameter, available in any lengths up to a maximum of 5 metres.



### Powder Coated Aluminium Post

Powder coated to a RAL colour of your choice, available in four profiles.



### Square Post

Available in 50mm & 76mm available in any size up to a maximum of 3 metres.



### Round Post

Available in 50mm & 76mm available in any size up to a maximum of 3 metres.



### Cathedral Post

Please ring or email for a written quotation.



### Quadrant Post

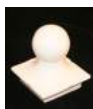
Please ring or email for a written quotation.

## Finials



### Gothic Finial

76mm gothic shaped finial. Supplied with grub screw fitting.



### Square Finial

Square ball finial. Available in 50mm-75mm & 100mm. Supplied with grub screw fitting.



### Ball Finial

Available in 50mm & 76mm. Supplied with grub screw fitting.



### Dome Finial

76mm dome shaped finial. Supplied with grub screw fitting.



### Alpine Finial

76mm alpine shaped finial. Supplied with grub screw fitting.



### Base Embellisher

76mm shaped base. Supplied with grub screw fitting

# Base Plates

## Prevents Rotation

Sinking into the ground and removal of post after concrete is set.

## Suggested Filling Instruction

These instructions are just a guide, as each installation will be different due to environmental conditions etc.

1. Place post on base plate and tighten bolt.
2. Place post into hole so post is level and straight.
3. Pour concrete around post.

## Size

There are 3 sizes available for round posts  
50mm 76mm 100mm

## Post Caps

### Internal Post Caps

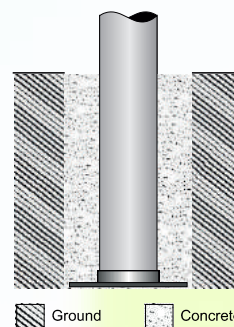
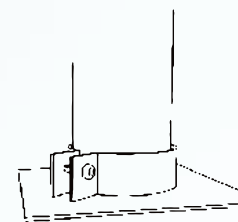
Available to fit square or round posts. Available in grey or black.

### Square Caps

Available in 50mm & 76mm.

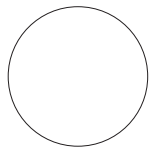
### Round Caps

Available in 50mm & 76mm.



# RAL Colours

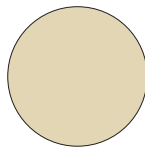
## Stock Colours Available



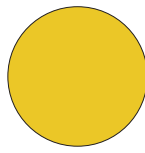
RAL 9016



RAL 9005



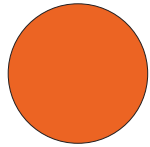
RAL 1015



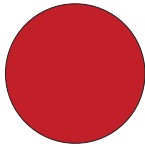
RAL 1023



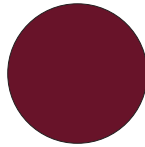
RAL 1036



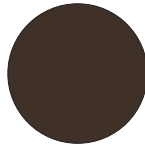
RAL 2004



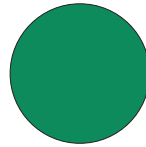
RAL 3020



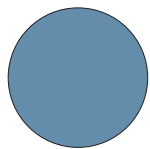
RAL 3004



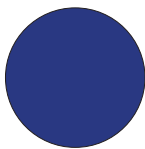
RAL 8014



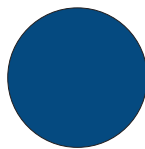
RAL 6024



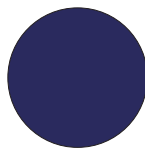
RAL 5024



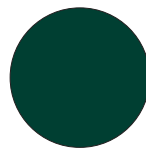
RAL 5002



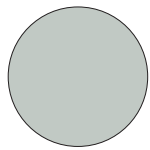
RAL 5010



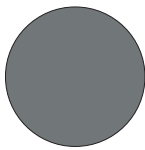
RAL 5022



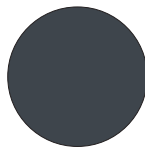
RAL 6005



RAL 9018



RAL 7037



RAL 7024



RAL 9006

If the colour you require isn't above, just ask one of our staff, as almost all RAL or BS colours are available, many of which are already in stock. If the colour you require is not a stock item, an additional cost will be incurred.

# Guarantee

All primaDURA signs come with a TEN year UV warranty against fading and air carried chemicals to BS3900 standard. However, this warranty does not cover blatant destruction, as our signs are vandal resistant not vandal proof.

## Service

All primaDURA Signs are fabricated and manufactured in-house at our purpose built factory. This enables us to give a fast and efficient service. All our on-line safety signs are dispatched the next working day. Custom orders are usually dispatched within 3 to 5 working days from confirmation of artwork. Fully fabricated signs e.g. trays, lecterns, monoliths etc, take a little longer but are usually dispatched within 7 to 10 working days.

# Order Requirements

## 1. Company Name and Contact Details

2. Your Order Number or Reference.

3. Any Quotation References or Numbers (If Applicable).

## 4. Date Required

## 5. Sign Details

- Size and quantity.
- Background colour (RAL).
- Mounting method (e.g. Wall - Post - Tray etc).
- For post mounted signs please state if they are landscape or portrait.

## 6. Colour References

Printed graphics - please give Pantone colours

## 7. Artwork

- All text to be converted to graphics and saved in PC format .
- Usable artwork files are: Vectored EPS, PDF, hi res JPEG or TIFF, SignLab 8 or CorelDraw x3.
- 100% preferred (no enlargements over 400%).
- Minimum Resolutions: 300dpi.
- File processing: CMYK.
- Bleed Off: 5mm.
- Please send a hard copy of the artwork you require, alternatively you can send a PDF with your artwork for us to use as a proof.
- Bespoke artwork can be done by our designers @ £70.00/hr + VAT.

## 8. Fabrication

Please give any fabrication details or drawings if required, or if you have any special hole requirements, square corners etc.

## 9. Optional Extras

Please specify any extras and posts - clips or fixing you require.

## 10. Any Special Requirements

# Digital Files

**Accepted Digital Support**  
CD, mail, FTP Server

**Programs used by Nova Dura**  
Illustrator **CS6**, Photoshop **CS6**

**File Formats**  
PDF, **vectored EPS**, AI

**Minimum Resolution**  
300 dpi

**File Processing**  
C M Y K

Accents or special characters must not be written in the file name.

Vectored files with **transparency and shadows flattening** resolution.

100% of the real size or homothetic file (by 1/2, 1/4)  
No enlargements over 400%

**Bleed Off**  
5mm Border around the image  
30mm For Both Sides Printing  
50mm For a fresco of several joined panels

**Bespoke artwork can be done by our designers at £70.00 per hour + VAT**

## Storage

**When handling**, it is highly recommended to handle panels one by one to prevent friction and scratches.

**For storage**, it is compulsory to store the panels horizontally, on flat and stable pallets that have dimensions at least equal to the size of the panels.

## Maintenance

The primaDURA panels are graffiti resistant, therefore, it is possible to clean the custom surface with many products such as water, white spirits, alcohol, or acetone using a dry, non-abrasive cloth (microfibre type).

The customised image is included inside the panel material protecting it from a "new customisation".

## Transport

All packaging is tailor made according to the customised primaDURA panel dimensions.

When you receive your order, it is very important to open your packages to be able to notify the shipping carrier, in the event of damaged merchandise.

# Testimonials



“The tireless effort spent to produce these fantastic seafront signs are clear to see as they now stand on our promenades and are of a very high quality.”

*Jon Newman - Foreshores Inspector:  
East Riding of Yorkshire Council*



“Their work is professional and to a consistently high standard and the staff members are very obliging and pleasant to deal with.”

*Marie Gascoigne - Facility Manager:  
Sowerby Hall and Gardens*



“We have found their service to be excellent from the expertise and support during the graphic layout design stages to the attention to detail and the high quality of their finished product.”

*Tim Ward - Director: Circling the  
Square Ltd*



“It’s not just the excellent value, quality and clarity of the boards, its also the friendly and efficient service that enables us to have no hesitation in recommending them.”

*Graham Hulme -Project Leader:  
Snaith and Cowick Open Door  
Project*