GAUGE BOARDS

10 year old D53

A range of water depth gauge boards produced to BS EN ISO 4373:2008, docks & harbours design & Traffic Regulation Standard designs.

This leaflet introduces the standard design boards, normally held in stock. In addition to the British Standard design boards bespoke, special designs are available - size, colour and digit size can all be amended. Please contact us if you require more details about these options.

Gauge boards are produced in our exceptionally robust Encapsulated Glass Reinforced Plastic (GRP) process – this board has been in Pwhelli Marina for over 10 years and is a testament to the durability of the material in both fresh water and sea water environments

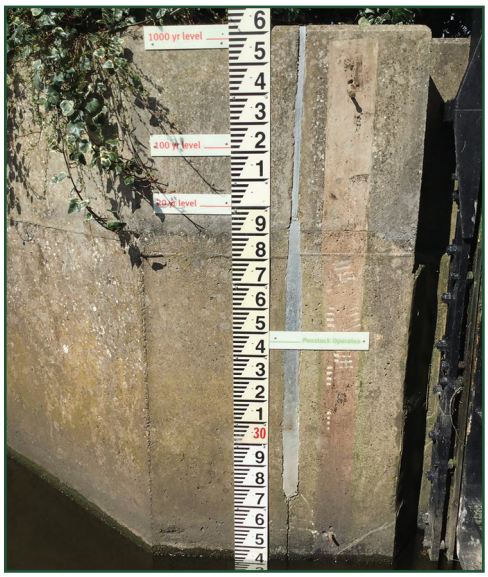
Gauge boards are suitable for use in rivers, reservoirs, marinas, dock, harbours, canals and water courses. A brief explanation of the standard designs is given overleaf.

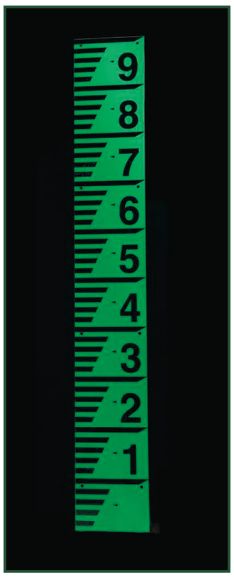

D50


D50

D53


D64


D50


Photoluminescent

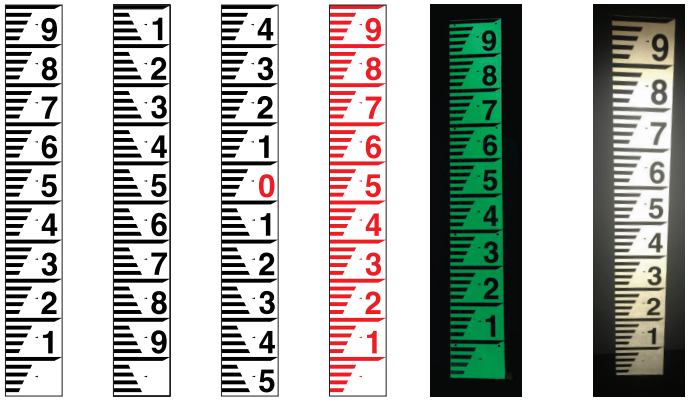

Retroflective

Standard Gauge Board Designs

Inland Design Boards

D50 Style Gauge Boards

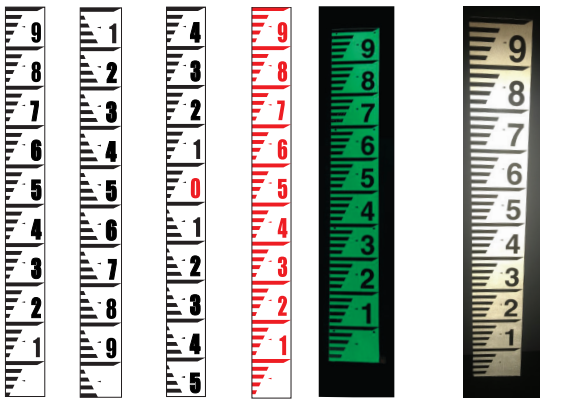
The D50 gauge board is an inland style board, produced at a width of 145mm, in 1m long sections which are butted together for greater depths. The D50 reads above datum, the D50R is a reverse board for reading below datum. The D50(Z) reads above and below a datum, usually zero. The D50 is the most popular style of inland board.



D50 | D50 (R) | D50 (Z) | D50 Red | D50 Photoluminescent | D50 Retroflective

D64 Style Gauge Boards

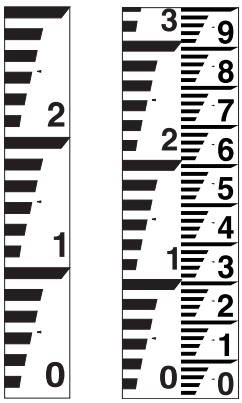
The D64 works to the same principles as the D50 but at 100mm wide is a narrower board and is used where space is more restricted.



D64 | D64 (R) | D64 (Z) | D64 Red | D64 Photoluminescent | D64 Retroflective

Imperial Boards

The standard design is 3' high x 6" wide.



Imperial | Combined Imperial & Metric

SEPA Boards

A special design board at 1000 x 70mm.

SEPA

Numeral Plates

Red datum numeral plates are used to show datum or metre graduations. They can be printed as a main part of the board or supplied as separate numerals. Please specify the digit required.

Plate sizes:

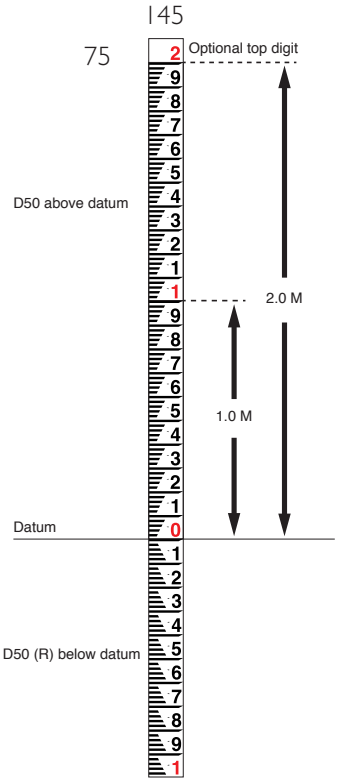
D50 55 x 75mm

D64 35 x 70 mm

Full size top digit 145 or 100 x 75mm

Backing Boards

Boards can be supplied with 19mm thick PVC backing boards. These are not self- supporting but are intended to provide a smooth surface if you are fitting to an uneven wall and allow up to 3m of board to be fitted to one structure.

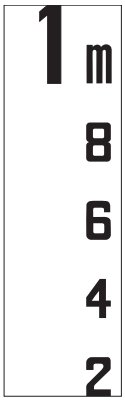


Using Inland Boards

Boards are 1m long with the top of each board reading the full metre. Red datum numerals are used to indicate the metre depths while a separate digit can be supplied for the top reading.

Tidal Design Boards

The D53 gauge board is a tidal design board, produced at a width of 300mm, in 1m long sections which are butted together for greater depths. The D53 reads above datum, the D53R is reverse board should you wish to read below a datum point.



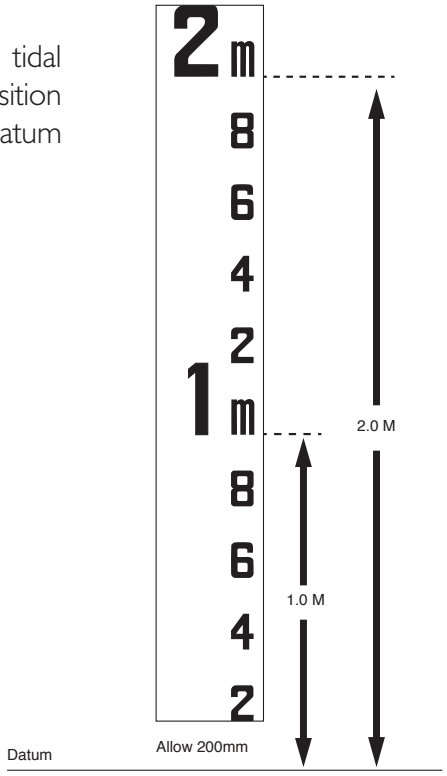
D53

D53 (R)

D53 White on black

Using Tidal Boards

The bottom of each graduation on a tidal board gives the appropriate depth. Position the bottom tidal board 200mm above datum to allow for this.

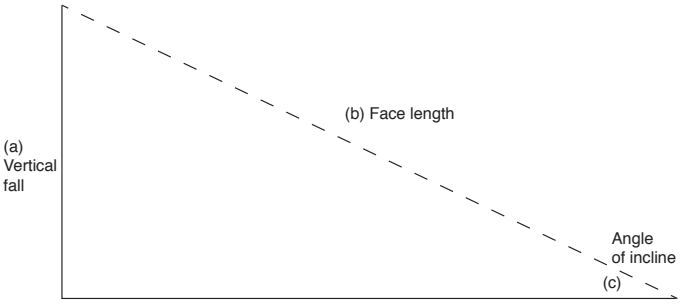


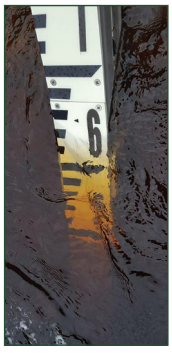
Backing Boards.
Please refer to the section on page 2.

Incline Gauge Boards

Gauge boards are often fitted at an angle to a bank or wall. The standard design is adapted to allow for the incline. We have standard artwork for 30 degree and 45 degree but most locations require artwork to be created.
To quote or create the artwork for incline gauge boards we require at least 2 of the following dimensions

a) Vertical fall to be measured
b) Overall face length of gauge board
c) Angle of incline




Incline gauge board

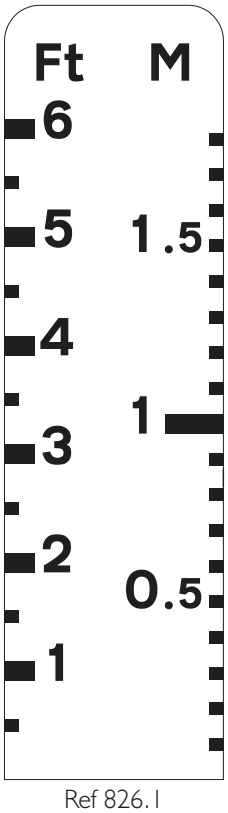
Fords & Floods

The Traffic Signs Regulations provide standard design gauge boards for use at fords or locations where flooding is a persistent problem. The zero level is the lowest part of the carriage way. Gauges should be sited so the depth of the water can be seen by road users on both approaches.
To comply with traffic regulations the imperial design (Ref 826) or combined imperial / metric (Ref 826.1) may be used but metric units must not be used alone.

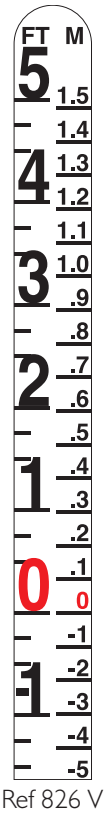
The imperial board has a standard size of 225 x 2150mm, the combined board a standard size of 615 x 2175mm.

Ref 826 V is a narrower version of the combined gauge board at 230mm wide.

Ref 826



Ref 826.1



Ref 826 V

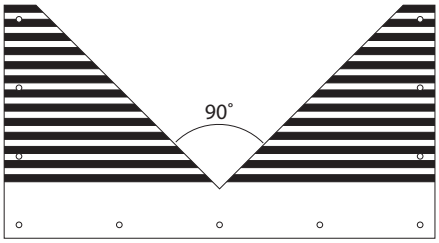
Posts & Brackets

We can quote to supply galvanised steel, recycled plastic or hardwood posts on request. Gauge boards have also been supplied with aluminium frames & ladder structures that can be bolted together on site. Please ask for details.

Galvanised steel post

Recycled plastic post

V Notch Plates

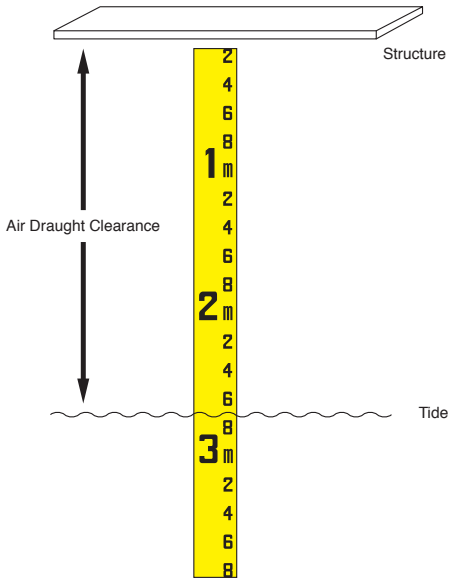


V notch plate standard sizes

Angle	Width	Length
28° 4'	132 mm	178 mm
53° 8'	240 mm	240 mm
90°	610 mm	330 mm

Air Draught Boards

Draught boards are designed to measure clearance heights under bridges and structures. They are normally produced as 300mm wide boards, reading in reverse. To ensure they are distinctive black text on a yellow background is a common colour combination.



Other Gauge Board Examples

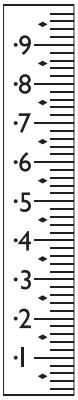
Reflective Boards: All gauge boards can be produced either a) with a Retroflective finish that shows up clearly in the dark under a direct light, or, b) with a glow in the dark, Photoluminescent finish.

Retroflective gauge board

Photoluminescent gauge board

Non Standard: We design & produce non-standard gauge boards with a few examples shown in this section. Prices for both reflective & non-standard boards are available on request.

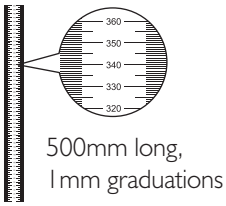
Traffic light boards



Special gauge board

White on black

Pegellatte



500mm long, 1mm graduations

1mm graduations

Safety Signs

We supply and produce a wide range of external grade signs including a standard range of standard Health & Safety signs.
Please contact us for more information.

How To Order

For most clients we prepare a formal quotation to match your needs. This page provides an introduction to gauge boards but please either email your particular specification or call to chat through the options. We can accept instructions to proceed by email and normally raise an invoice when the boards have been despatched.

Shelley Signs Limited, 54 Cartmel Drive, Harlescott, Shrewsbury, Shropshire SY1 3TB
Telephone: 01743 460996 Email: sales@shelleysigns.co.uk
Web: www.shelleysigns.co.uk