



Highway Safety Developments Ltd

*Signs & Safety*

HIGHWAY SAFETY DEVELOPMENTS LTD.

**TOURISM & LEISURE  
PRODUCTS**



[www.hsd.ie](http://www.hsd.ie)



CE Certified Manufacturer  
to I.S. EN 12899-1:2007

ISO9001: 2015 | OHSAS 18001:2007 | CE 1358 - CPR - 0144/2

## INTRODUCTION

[www.hsd.ie](http://www.hsd.ie)

We are proud of our Irish heritage and in the provision of amenity products and signage for the Tourism and Leisure market. We manufacture and supply a wide range of products. We work with many local government organisations, tourism bodies, tidy towns committees, Leader projects, etc in the provision of turnkey solutions. Our services include: site inspection, design of signs and detailed map design, manufacture, delivery and installation.

Over the last number of years the promotion of a healthy lifestyle, getting out and about utilising our country's magnificent amenities has increased. This together with our increased number of international visitors demonstrates the requirement for the highest quality informational signage, amenity furniture and overall project planning. We meet these needs with our product portfolio.

We have over 40 years experience in signage production, with Irelands' largest range of signage solutions from our production facilities in Knocktopher, Co. Kilkenny. We manufacture all types of signs including self adhesive stickers, large format banners, raised letter aluminium plaques, information display boards, wayfinding signage etc.

We are Irelands' largest CE Certified manufacturer of signs used for the instruction and guidance of road users on public and private land. Our CE certificate of conformance reference is 1358-CPR-0144/2. We are externally certified to the European Standard I.S. EN 12899-1:2007 – Fixed, Vertical Road Traffic Signs and Structures.

We are certified ISO 9001:2015 which is an international standard in Quality Management Systems.

We are also certified OHSAS 18001:2007 which encompasses ensuring the health, safety and welfare of people in the workplace. We are committed to continually monitor, measure and improve our operational performance and management systems to promote the utmost standard in health, safety and welfare in the workplace.

### SIGNAGE:

- Road Signs [CE Certified]
- LED & Solar Powered Signs
- Commercial Signs
- Health & Safety Signs
- Tourism Signs, including Aluminium Raised Letter Signs
- Sign Accessories [CE Sign Poles, brackets]

### LEISURE PRODUCTS:

- Waymarker Posts, Walkways & Bridges
- Furniture, Litter Bins and Planters
- Water Safety
- Cycling
- Stiles & Kissing Gates

### ROAD SAFETY:

- Road Safety Barriers – Permanent & Temporary
- Traffic and Pedestrian Control
- Traffic Management Vehicles and Trailers
- Bollards

### SERVICES

- Bespoke Manufacture
- Design
- Delivery
- Installation
- Maintenance & Repair
- Refurbish
- Hire
- Traffic Management
- CNC Routing

## CONTACT US

Contact our dedicated sales team:

Highway Safety Developments Ltd., Knocktopher, Co. Kilkenny, R95 TW83.

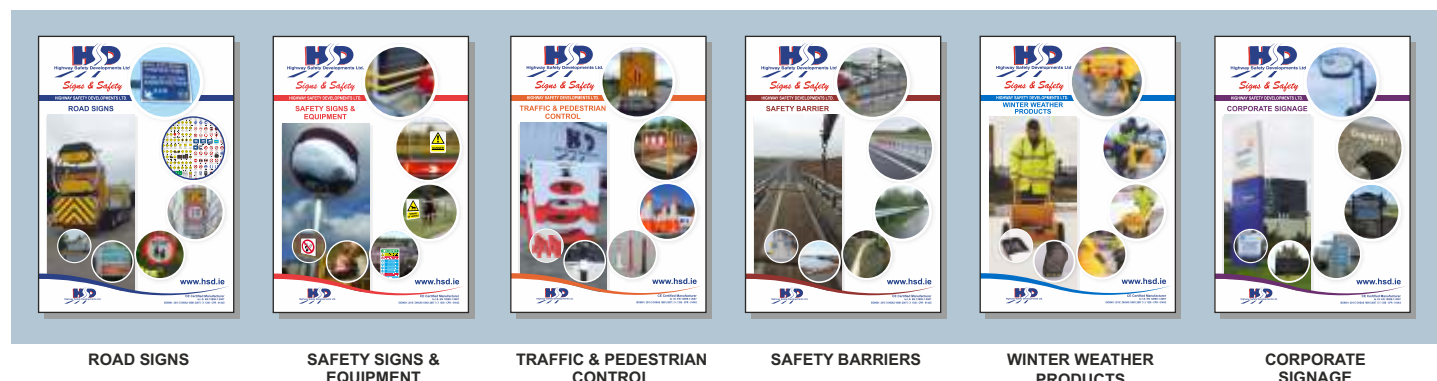
Phone: 056-7768702 | Email: [sales@hsd.ie](mailto:sales@hsd.ie) | Fax: 056-7768854

Website: [www.hsd.ie](http://www.hsd.ie) [including webshop] [t](#) [f](#)



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Other brochures available upon request or to download from our website



## DECORATIVE INFORMATION / MAP SIGNS



Wall-mounted map boards.

Map display units are manufactured from extruded aluminium and are available single or double sided. A polycarbonate sheet is fitted over face of unit, which has an inbuilt UV filter and also protects map face from vandalism. Display case is mounted onto two support posts. Posts are galvanised circular hollow steel section, 76 mm Ø running full length. Posts can be fitted with ornate cast aluminium shell and top.



Full unit and posts receive a stove enamelled powder coat paint finish. Colour coded to your specification.

The map details are digitally printed on a vinyl sheet and laminated onto an aluminium plate to give a 5-7 year guarantee. The map plate is fixed into the extruded aluminium frame.

Highway Safety Developments Ltd offer a full in-house design facility. We offer a full installation service i.e. excavation of base and pouring of concrete foundation.



Display boards with cross on posts for graveyards and church grounds.



## RECYCLED PLASTIC SUPPORT FRAME

### GRAPHIC DESIGN

Our in-house personnel are available to visit and survey the location, assess the promoters' requirements and offer solutions.

This service is available in conjunction with the above mentioned products and is particularly important to map and plaque information sign design.



Map information display panel with Recycle Plastic Support Frame.





LECTERNS



Stainless Steel Frame



Steel Posts and Aluminium Frame



Steel Frame UV Laminated Print

REFURBISHMENT OF MAP INFORMATION DISPLAY UNITS

Give new life to your existing sign boards. Repaint frame. Replace polycarbonate cover. Reprint insert panel with updated information.

BEFORE



AFTER





## DECORATIVE SIGNS TOWN & VILLAGE SIGNS

### Street Signs

Decorative street signs available wall-mounted and post-mounted in a range of colours.



Aluminium plate  
curved top, curved  
galvanised steel frame.



### Town / Village Signs

Aluminium plate with reflective text, mounted on galvanised posts with ball tops. Plate and post receive a stove enamel powder coat paint finishing in a range of colours.





## ALUMINIUM RAISED LETTER SIGNS & PLAQUES



Plaques and signs are available c/w vinyl face or in cast aluminium type with raised text. Plaques can be wall mounted or fitted to post.

We also reflectorise aluminium raised letter plaques and signs.



## DECORATIVE WAYFINDER SIGNS



Vinyl Print



Raised Text



Vinyl Print



## TRAILHEAD DIRECTIONAL FINGER POST SIGNS

We can manufacture any type of sign to your specification.



## GATE SIGNS



## SAFETY MIRRORS



- Convex Safety Mirrors are slightly domed, sturdy surveillance mirrors in impact proof acrylic
- 600mm diameter, aluminium backing and acrylic plastic front
- Suitable for both outdoor and indoor use
- Supplied with fixing bracket to bolt onto a flat surface or wall
- We can also supply required pole size and fixing for same
- Convex Mirrors only function in one direction, therefore if there is a situation which requires view in two directions we manufacture a winged pole to accommodate 2 mirrors
- VANDAL PROOF MESH - we manufacture vandal proof mesh which is galvanised and stove enamelled grey



## WAYMAKER POSTS & DIRECTIONAL ARROWS

Our waymarker post is made from recycled plastic. The post is 1.5 metres long x 100mm x 100mm section. We can supply the post complete with a shoe or retaining peg. The post can be supplied with one or more symbols. The walking man symbol and arrow can be embossed into post. The symbols and information panels can also be supplied on an aluminium plate and fixed to the post using anti-theft screws.



**Discs**  
**Size:** 80mm Ø x 4mm  
**Material:** Polycarbonate discs  
**Fixing:** 2 no. 5mm Ø holes per plate to accommodate one-way screws.

**Media:** Vinyl arrow is pressure applied to the disc.

**Weathering & Vandalism:** Protected from vandalism by being on reverse side of disc. Fixed onto post with 2 no. Anti Theft Screws

**Maintenance:** We are in a position to repair or replace on request any damaged item.

### Waymarker Post

**Size:** 1500mm x 100mm x 100mm

**Material:** Recycled plastic, made from high-quality reprocessed polyolefines dyed through with UV-resistant pigments

**Colour:** Black

## LITTER BINS



### DESIGN FEATURES

- Gold litter legends and bands.
- Key-locking system.
- Zinc-coated steel liner or Durapol liner.

### OPTIONAL EXTRAS

- Hood mounted ashtray.
- Other ashtray options.
- Cigarette stubber plate.
- Firexpire fire extinguishing device.
- Choice of ground fixing options.
- Personalisation, aluminium plaques.

### MATERIALS

**Bin body:** Durapol

**Liner:** Zinc-Coated Steel or Durapol

### SPECIFICATIONS

**Bin volume:** 125 litres

**Metal liner capacity:** 110 litres

**Plastic liner capacity:** 100 litres

**Height:** 1100mm

**Maximum diameter:** 560mm

**Weight:** 17kg (with steel liner)



## Taunus Forest Seat

- Width: 200cm
- To be secured in the ground
- Seat height: 45cm
- 5 bench boards: 200x12 x4.7cm
- Stand-alone look

## Hyde Park Seat

- Widths: 180cm and 150cm
- 7 bench planks: 180/150 x 4.7 x 10cm
- Seat height: 45cm
- To be secured to the ground
- Straight line silhouette
- Fresh shape



## Waza Seat

- Width: 200 cm
- 1 seat board: 200 x 40 x 7.5/6.5cm
- 1 back board: 200 x 27.5 x 6.5/5.5cm
- Seat height: 47cm
- More transparent appearance due to open leg elements

## Alton Seat

- Width: 200 cm
- 3 seat boards: Trapezoidal, 200cm long
- Seat height: 45cm
- 2 back boards: 200 x 12 x 6cm
- Seating with a modern kick



## Isola Set

- 6 bench planks: 180/200 x 10 x 4.7cm
- Available in two lengths
- 1 table top: 180/200 x 75 x 6.5cm
- Easily cleaned table top

## Grand Canyon Bench

- Dimensions (LxWxH): 230 x 210 x 280cm
- 6 bench planks: 200 x 10 x 4.7cm
- Seat height: 45cm
- 5 table planks: 200 x 10 x 4.7cm
- Table height: 75cm
- Table surface: 60 x 200cm
- Item Ref: HSD115





## PLANTERS

Manufactured from high quality pre-processed recycled plastic – brown in colour. The plastic is environmentally friendly dyed through with UV resistant pigments. In the past timber planters were widely used, however they are high maintenance and only last a number of years before replacement is necessary.

Recycled Plastic Planters are beneficial as they are:

- maintenance free
- sturdy/robust
- long useful life
- water and frost resistant
- resistant to oils, alkalis, acids and sea water

We manufacture a range including box, Rectangle, Multi Tier and Bench Planters

### BOX / RECTANGLE UNITS

Box and Rectangle Brown Recycled Plastic Planters with Powder Coated Brown Aluminium Definitions.

Manufactured to required specific size/dimensions.

Supplied as planter units, ready for you to fill with soil and plants to create a beautiful potted display at your chosen location.

### MULTI TIER PLANTERS

Recycled plastic planter 3 tier  
The multi-tier planter is a combination of a number of tiers of planters, which together provide a striking backdrop for a planted display. This unit is sturdy and maintenance free, ideally suited where height is required. Often used to brighten up a corner or unused space.

### BENCH PLANTERS

The planters are incorporated into each side of the bench unit.

Manufactured from brown maintenance free recycled plastic, with powder coated brown aluminium definitions.

The multi function unit is especially useful where space is limited.

Both seating and planting can be provided in a relatively small area.

### BESPOKE MANUFACTURE

We offer a bespoke service, therefore if what you require does not appear here, please send in your enquiry and our manufacturing team will work with you to provide your product.

If you have any queries, or require any further information, please follow the link below to our contact us online form. Our sales team will get back to you regarding your enquiry.

We deliver nationwide.



### Scilla 2 Planter

- Square sizes: 110 x 110 x 44cm
- Height: 44cm; with 56cm add-on ring
- Many possible variations



### Terra 2 Raised Bed

- (LxWxH): 190 x 90 x 80cm
- In contrast to wood, it doesn't decompose
- Weather-resistant
- Simplifies the garden work
- Quick assembly
- Also available in a kids version with a height of 60cm



## STILES

Stiles are manufactured from recycled plastic or aluminium

### Aluminium Stiles

stove enamelled available in black or green.



**Recycled Plastic Stiles**  
available in 3, 4, or 5 step options.

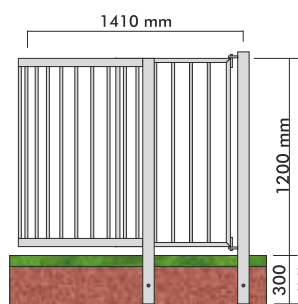


## KISSING GATE

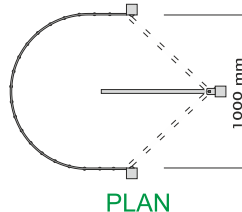
**MANUFACTURED IN ALUMINIUM OR GALVANISED STEEL**

- Comes in 2 parts with an option to bolt down or concrete in.
- Galvanised Steel unit is robust for areas where large farm animals would have contact or any area where vandalism may occur.
- Aluminium unit is light and easy to transport to remote locations.
- Ideal for use on walking routes.
- Livestock proof for farm boundaries.
- Safe for use in winter or summer.
- Can be manufactured to any size - curved or square
- Signage (route name/distance marker) can be applied direct to the unit

### PEDESTRIAN KISSING GATE

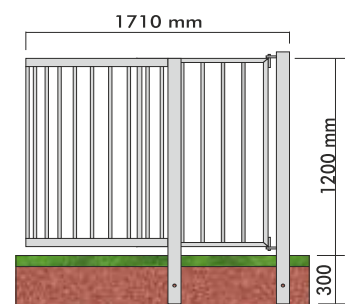


ELEVATION

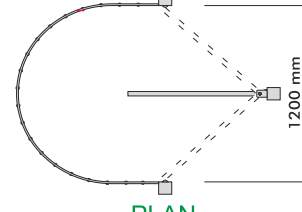


PLAN

### BUGGY KISSING GATE



ELEVATION



PLAN



Can be supplied with electric fence or wire fitting

Comes complete with safety lock



## ENSIGN™ BOLLARD

A large-faced, sign-carrying bollard with a wide range of sign face options

Rigid Durapol™ Material construction.  
Recessed areas for retroreflective or decorative banding.  
Choice of fixing options available.  
Optional blanking cap available.

### Dimensions:

Height above ground:	1120mm (socketed), 1206mm (bolt-down).
Width:	338mm.
Max stem diameter:	200mm.
Sign face:	300mm diameter.
Socket depth below ground:	500mm.
Weight:	12.4kg (socketed), 8.4kg (bolt-down).



## MINI-ENSIGN™ BOLLARD

A sign-carrying bollard with a 150mm diameter face, ideal for cycle route marking.

Available in a wide range of sign face options.

Recessed areas for retro reflective or decorative banding.

Choice of socketed (rigid), concrete-in (Rebound) or bolt-down fixings.

Optional blanking cap available.

This sign carrying bollard is available in two options: Rigid Durapol® or Rebound Impactapol® bollard.

Passively safe Impactapol™ Material bollard is proven passively safe at 100kph (62 mph).

Socket: Durapol Material.

All retroreflective materials are as recommended in table NA1 of the National Annex of BS EN 12899-1:2007 Fixed Vertical Road Signs.

### Dimensions

Height above ground: 1010mm (socketed),  
1087mm (bolt-down).

Diameter: 200mm.

Sign face diameter: 150mm.

Depth below ground: 500mm (socket),  
420mm (extended base),  
75mm (bolt-down), 320mm  
(adjustable depth concrete-in  
anchors).

Weight: 8.6kg (socketed),  
4.6kg (extended base),  
4.8kg (bolt-down).

## DECORATIVE RAILINGS & BOLLARDS

We manufacture and install railings and bollards to meet individual project needs. Railings and bollards can be designed to match other signage on site. All receive stove enamel powder coat paint finish (40 microns minimum)

### BOLLARDS:

- Standard bollards size 1200mm x 76mm Spec: galvanised steel to EN1461 with durability rating of 20 years
- Options: cast aluminium A cap or ball cap.
- Decorative collar
- Class RA2 reflective band 100mm

### RAILINGS:

- Railing is available in 1000mm, 1500mm and 2000mm long sections.
- 2 No 76mm post fixed at each end.
- Hot dip galvanised to EN1461 with a durability rating of 20 years.
- Cast aluminium cap fixed to top of post.
- 2 No Class RA 2 High Intensity reflective band – 100mm high fixed to each post.
- Centre railing 12mm visi rail fixed to flat bars 50mm x 6mm top and bottom.
- Railing available - galvanised only finish or powder coat paint finish.



## GLENWOOD™ POST

A strong and robust timber-effect post that requires minimal maintenance.

Manufactured from Everwood™ Material, which has a unique realistic timber grain effect.

Lightweight and easy to install.

Moulded-in saw grooves enable the post to be easily cut down to the desired height. Height options are 1000mm, 830mm and 500mm.

100mm vandal-resistant sign faces.

Below-ground extended base fixing.

### Dimensions

Height above ground: 500mm, 830mm or 1000mm.

Width: 150mm.

Depth below ground: 400mm or 650mm.

Weight: 5.5kg.

Available in the following colours: Dark Oak, Light Oak, White.



## NATURE-RAIL SAFETY BARRIER



Nature Rail combines the strength of steel with the beauty of wood for perfect integration into the scenery. The combination of robust steel construction with a wood cover satisfies the demands of containment level N2. The steel is galvanised and the wood is treated to give the barrier a long working life.

Nature-Rail W4 – Designed to give minimal lateral movement where space is limited. It

is frequently used to shield trees, waterways or other roadside hazards. It provides excellent containment and blends harmoniously with the landscape.

Nature-Rail with motor cyclist protection system – developed specifically for roads with hazardous bends. This energy absorbing flexible protection system prevents motorcyclists from impacting the posts and from sliding under the barrier.



## WATER SAFETY - LIFEBOUOY & HOUSING

**Height:** 1065mm (housing), 1741mm (with post).  
**Width:** 898mm.  
**Depth:** 250mm.  
**Weight:** 10.5kg.  
**Housing:** Durapol Material.

- Ropemaster™ Quick Release Rope Management System saves valuable seconds for rescue attempts.
- Strong knuckle hinge and hinge rod resists corrosion and vandalism.
- Water seal minimises damage to rope and buoy from exposure to salt water.
- Toggle latch reduces risk of door opening in high wind or wave impacts.
- Simple graphical instructions inform the rescuer how the equipment should be used.
- Choice of three fixing methods: post mounting, rail mounting or wall mounting.
- Post-mounting fixing available with either surface-mounted post or below-ground installation.
- Security seal provides a deterrent against misuse and informs the operator that the housing has been opened.



## STAINLESS STEEL BICYCLE STANDS



Baseplate  
fixing detail for  
cycle stand



Single  
Curved  
Stainless  
Steel  
Bicycle  
Stands



Multi Stack Bicycle Stands - Stainless steel finish available in a range of sizes.

## RECYCLED PLASTIC WALKWAYS / BRIDGES

Contact us for further information.

We manufacture and supply many different walkways and bridges. As each project differs, please contact us for further information.



## LIGHTWEIGHT FOOT BRIDGES

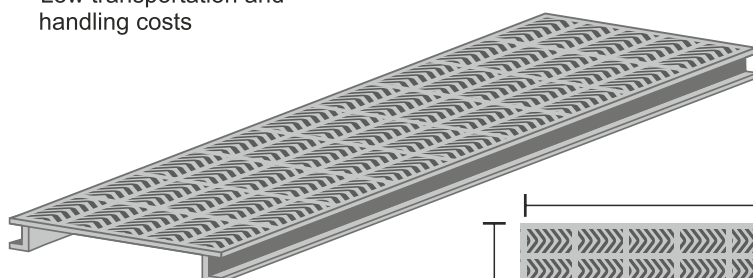
A strong but lightweight footbridge manufactured from aluminium that provides a solution to all requirements within the construction, groundwork, and event sectors in Europe.

These unique and innovative footbridges will provide safe work and public access, whilst working over and around deep excavations, small rivers and streams, and utility trenches.

The footbridge has many additional safety features, including a unique 'diamond traction', non-slip surface. Along with lift handles they've also been manufactured with foldable handrails for easy transport, handling, and quick assembly. It can be stacked securely and can be supplied in 3 various sizes, 2m, 4m and 6m.

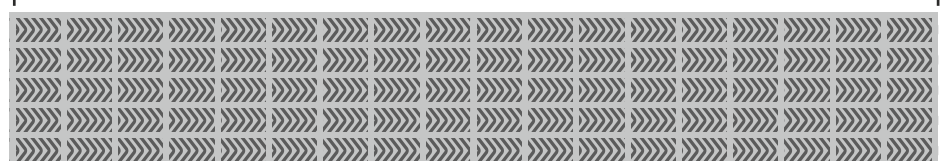
## KEY FEATURES & TECHNICAL DETAILS

- Length - 2m, 4m and 6m
- Weight - 72kg, 142kg and 207kg
- Maximum weight distributed load - 1850kg, 1500kg and 850kg
- Material - Aluminium
- Unique 'diamond traction' non-slip surface
- Stackable for storage and transport
- Foldable handrails for easy transport and quick assembly
- Anodised aluminium handrails
- Lift handles/Hooks
- High toe board
- Low transportation and handling costs



400mm

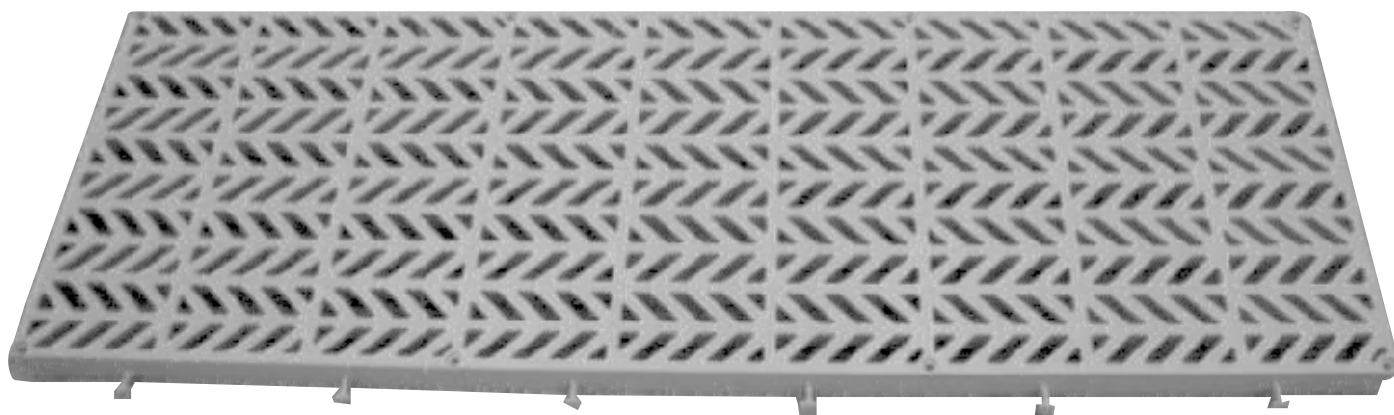
2400mm



## CROSSOVER WALKWAY WITH ANTI SLIP PANELS



## ANTI SLIP MAT



Walkway panels are a long lasting, low maintenance alternative to traditional materials used for walkway or platform construction.

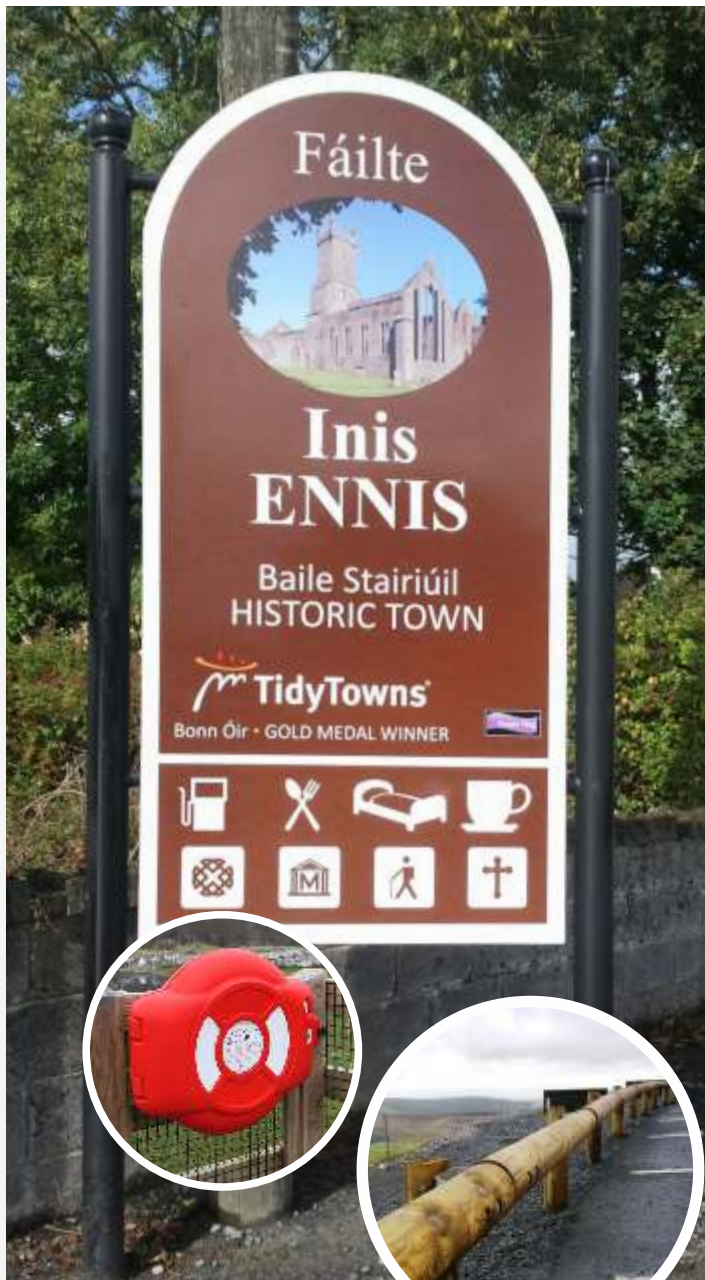
They are ideal for jetties, boardwalks, decking, temporary floors, roof platforms, wet areas, attic or shed flooring, wash down bays, stairs, mats around swimming pools or machinery, etc. Thousands of dimples cover the entire top surface to prevent slips, even when barefoot.

- More economical than alternatives over time
- Impervious to corrosion, rot, mildew or insects
- Friendly to aquatic environments - allow light, water and air through
- Open slots help to minimise storm damage
- Do not contain toxic chemicals
- Moulded in one piece from UV-stabilised polypropylene resin for strength & durability
- Unaffected by salt water and most chemicals
- Quick to install, clip together in either direction
- Recessed elongated screw holes moulded in
- 15 year Structural Warranty



**GREY**  
colour available only

**NOTE:** The colour chart above may not exactly match the actual colour and should be used only as a guide.



Printed: July 2020