



i-glo tactiles
for safer
Shared Use
routes

REDEFINING SAFETY & INCLUSIVITY WITHIN THE BUILT ENVIRONMENT

Shared paths are designed for all types of users including pedestrians, wheelchair users, scooters and cyclist. Shared paths have presented difficulties to specific user groups, particularly the elderly and visually impaired. Segregated paths present a much safer alternative as pedestrians can be segregated from cyclist and scooters using White Line Cycle Delineators.

ABOUT US

At i-glo, our vision is to pioneer innovative, sustainable solutions that redefine safety and inclusivity in public and industrial environments.

We are dedicated to creating advanced products for rail platforms, highways, and construction sites that ensure the well-being and security of all individuals, including those with visual impairments.

Combining exceptional quality with environmental responsibility, we aim to enhance safety standards, promote inclusivity, and deliver cost-effective solutions that reduce waste and support a safer, more accessible world for everyone.



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White Line Cycle Delineator

White Line Cycle Delineator Benefits

- ✓ DFT compliant- Trapezoidal white anti-slip profile which enhances detection through cane vibration
- ✓ Crack resistant using flexible polymer/recycled rubber as a sustainable solution
- ✓ Surface-mounted requiring no excavation
- ✓ Quick and easy to install – reduces downtime
- ✓ Glow in the dark marking system delineates at night providing Accessibility For All.
- ✓ Retro-reflective for cyclists at night.
- ✓ U.V resistant so does not turn yellow with time.
- ✓ Product does not perish with weather or heat.
- ✓ Cycle Delineator Glo absorbs natural light or artificial light such as street, car and bike lights.
- ✓ The absorbed light energy is released as an after-glow in dark or subdued lighting.
- ✓ The after-glow lasts up-to 12 hours in darkness providing an ideal wayfinding solution for both pedestrians and wheelers such as cyclist and scooters.
- ✓ 94% of visually impaired people can also detect the after-glow providing 24 hour independent accessibility



DAY

White line delineator



NIGHT

White line delineator with glow insert

Tactiles for Cycle Paths



Segregated paths present a much safer alternative as pedestrians can be segregated from cyclist and other wheelers using a cycle tactile surface, which navigates the visually impaired to the correct side of the segregated cycle/footway.

In general, the surface should extend across the full width of the footway and cycle track and should extend to a depth of 2400mm.

On the pedestrian side, the surface should be installed with the bars running transversely across the direction of travel.

The surface should ideally contrast in colour to the tactile surface of the cyclist side to make it easier for the visually impaired to navigate.

On the cyclist side, the surface should be laid with the bars running in the direction of travel. The surface should ideally differentiate in colour with the pedestrian side.



Flexi-tact Cycle Tactiles

Flexi-tact Cycle tactiles provides the optimum delineation between wheelers, such as cyclist and scooters, and pedestrians, such as the visually impaired.

The difference in colour contrast and signage makes it easier for cyclist, pedestrians and particularly the visually impaired to navigate. Its flexibility, due to a high level of recycled rubber, maximises adhesion to the concrete/tarmac surfaces and is resistant to impact damage from cyclist and vehicular traffic.

It is quick to install as it is surface-mounted to the existing surface and does not require excavation works saving costs by up to 60% when compared with tactiles concrete.



Safer Cycle Signage

- ✔ Traditional cycle signage, in the form of posts, are now being flagged by the visually impaired community as potential safety hazards.
- ✔ Navigating the built environment is difficult enough for the visually impaired without adding further obstructions such as posts displaying signage.
- ✔ Normal sighted pedestrians are also at risk particularly in subdued lighting as a majority of posts are not illuminated.
- ✔ 'I-glo cycle signage is installed on the floor and does not obstruct cyclists, pedestrians and more important the visually impaired.
- ✔ Its unique glow in the dark properties ensures that the signage is seen both during the day and at night.



New Tactiles Top-up' System



Ground-breaking safety tactile systems for crossings

The new flexitactalert system is now available to the Highways sector, after a successful launch within the Rail Sector.

A change of colour/geometry occurs when the blister profiles wear below 3mm (minimum detection threshold for the visually impaired).

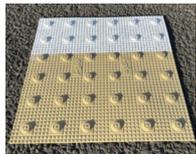
The worn profiles can be topped up in-situ to their original height ensuring continued safety for the visually impaired.



Flexi-tact Crossing Line

As segregated cycle paths increase in number within the built environment safety issues have been raised where pedestrians, particularly the visually impaired, have crossed over the cycle lane to access a bus stop or pedestrian crossing. The visually impaired struggle to hear oncoming traffic, particularly electric bikes and scooters, which have resulted in a number of serious accidents.

In collaboration with the RNIB i-glo have developed a new integrated white lined blister tactile to warn pedestrians of the presence of a cycle track. Over 94% of visually impaired people can detect a light dark contrast such as buff and red tactiles contrasting tonally with the white line.



Uncontrolled crossings

As cyclist have priority the white line extends across the buff blister tactile. White lined buff tactiles warn pedestrians of oncoming cycle traffic when walking from a pedestrian path across a cycle track to access a bus stop or an uncontrolled crossing point.



Controlled crossings

As cyclist have priority the white line extends across the red blister tactile. White lined red tactiles warn pedestrians of oncoming cycle traffic when walking from a pedestrian path across a cycle track to access a bus stop or a controlled crossing point.

tacdisc

tacdisc is the new all-in-one-solution which provides navigational assistance for the sighted and non-sighted, both day and night.

tacdisc's are installed along a path/walkway at equal intervals with minimal intrusion which enables the visually impaired to navigate the environment.



tacdisc contains 'blister' profiles, compliant with the Equalities Act (2010), which are detected underfoot or with the aid of a cane by the visually impaired.

Installation

i-glo cutting tools create a recess allowing the tacdiscs to be glued in flush with the surface thus preventing slips and trips to users.

Positive benefits to safety and the environment:

- 1 Fully inclusive – provides navigation for the visually impaired
- 2 Minimal intrusion on pathways/walkways
- 3 Absorbs solar/artificial light and emits an after-glow for up to 12 hours
- 4 Maintenance free - no power source required (no batteries or wiring)
- 5 No consumption of electrical energy – meaning a positive contribution to zero carbon
- 6 Natural light emission – no effect on bio-diversity
- 7 Non slip / Non trip – easy to install
- 8 Hardwearing – guaranteed for 10 years
- 9 The hardened 'blisters' reflect sound which aids detection by cane users

