FirstFence®
HIRE & SALES

Chapter 8 Barriers

Specification Sheet

SPC-CHAPTER8-002B



Call our Expert Sales Team for more information.

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High-Visibility Traffic Management & Pedestrian Safety

Engineered for incredible strength and superior performance, our blow-moulded Chapter 8 Barriers deliver exceptional quality and reliable pedestrian protection for roadworks, construction sites, active highways, and large-scale events. Manufactured from premium high-density polyethylene (HDPE), this durable, screw- and rivet-free safety system offers a remarkably low life cost while easily withstanding harsh environmental conditions and prolonged outdoor use.

Designed for rapid deployment and highly efficient logistics, our free-standing barriers feature standard feet and an intuitive connection system that easily adapts to uneven ground. With a compact 50mm nesting profile that allows for up to 40 units per pallet, they provide effortless transportation and storage to meet your site's dynamic temporary safety requirements.

Key Features

- Heavy-Duty, Rivet-Free Construction
  (Made from HDPE without using rivets or screws for strength & durability)
- Robust Standard Feet
  (Free-standing with standard feet for maximum stability)
- Ultra-Efficient Storage & Transport
  (Compact nesting profile allowing 40 units to be stacked on a pallet)
- Rapid Deployment on Uneven Terrain
  (A quick barrier-to-barrier locking system that even works on sloping ground)
- High-Visibility
  (Red, Yellow, Green, Blue & White options available)



Suitable For

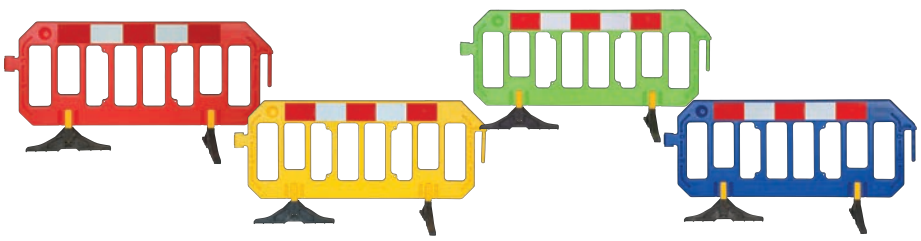
- Street Works & Utility Maintenance
- Highway & Traffic Management
- Construction & Demolition Sites
- Large Scale Events & Crowd Control
- Warehouse & Logistics Hubs

Specification

HEIGHT	WIDTH	DEPTH	WEIGHT	MATERIAL	COLOUR
1000mm	2000mm	50mm	10.30kg (Standard Foot)	Blow-Moulded HDPE (High Density Polyethylene)	Red, Yellow, Green, Blue and White

CONFORMITY AND STANDARDS

- Conforms to requirements of BS EN 8442
- Reflectivity requirements of BS EN 12899-1
- Chapter 8 - The Traffic Signs Manual
- The Red Book 2013
- Traffic Signs Regulations & General Directions



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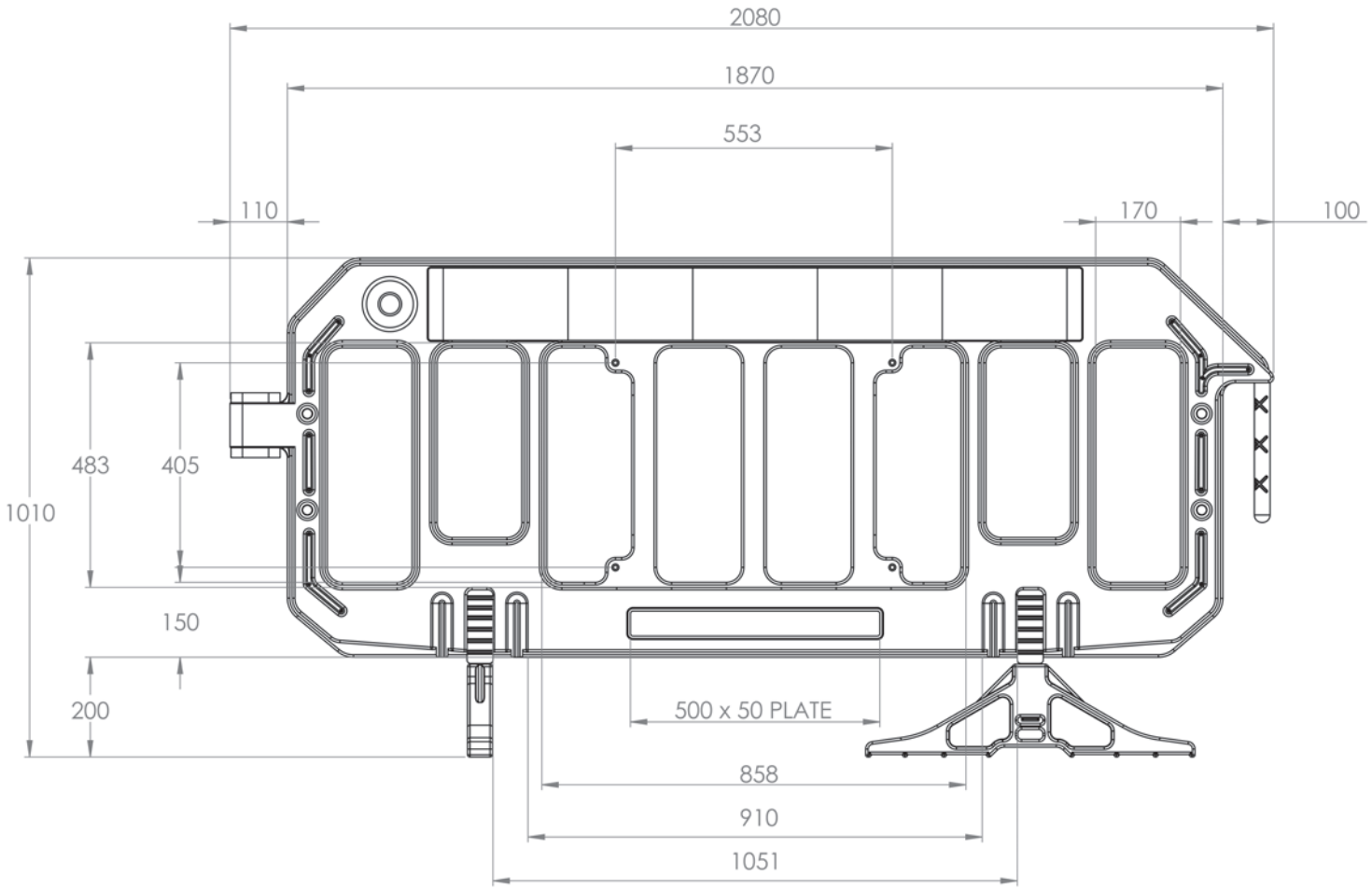

Wind Speed Testing

Temporary traffic barriers require ballast to comply with the three wind speed classifications outlined in BS 8442:2015:

Class A: 26.3 m/s (58 mph)

Class B: 17.6 m/s (39 mph)

Class C: 8.7 m/s (19 mph)

The Gate Barrier system was tested under strict conditions at the Mira Full Scale Wind Tunnel to determine its maximum wind resistance. Below are the results and the required ballast weights for each class.

CLASS C

Withstood up to 19.4 mph
Recommended Ballast Weight: 0kg



CLASS B

Withstood up to 42.3 mph
Recommended Ballast Weight: 30kg



CLASS A

Withstood up to 59.1 mph
Recommended Ballast Weight: 90kg



BOXED WITH ROAD ROCK

Withstood up to 59.4 mph
Recommended Ballast Weight: 70kg



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