



Chapter 8 Avalon Barrier

SPECIFICATION SHEET



Avalon Barrier

The Avalon is a fully compliant Chapter 8 barrier with the practice specification BS 7818.

The Avalon Barrier system has been specifically designed for pedestrian control and safety, which includes safety from road works, hazards and excavation pits.

Additional warning signs and reflective strips can be added to the front and back for additional safety and visibility.

Avalon Barrier Specifications:

Width	Depth	Height	Weight
2000mm	50mm	1000mm	5kg

Avalon Feet Weight Specifications:

Anti-Trip Foot	Flat Anti-Trip Foot	Standard Foot
3 kilograms	2 kilograms	2 kilograms

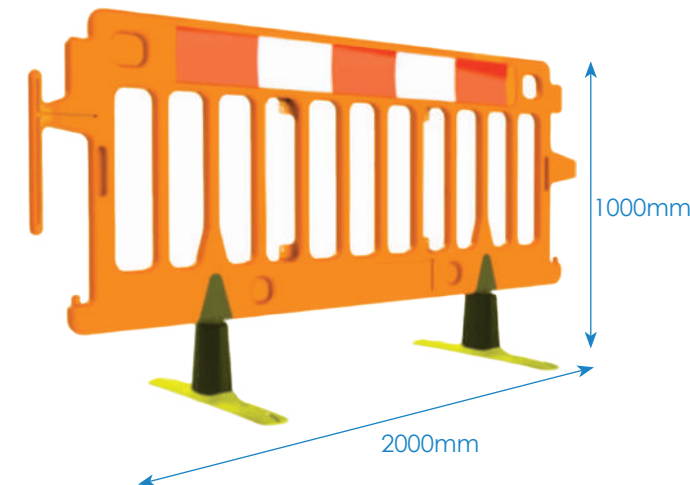
Key Features

- Barrier to barrier connection is quick and easy to use on uneven ground
- Moulded in orange as standard, but can be coloured to suit
- Also available in multiple other colours
- Secure easy stacking and transportation
- Stacks 50 per double pallet
- Incredible strength and durability
- Suitable for uneven ground
- Signage can be fitted
- Chapter 8 compliant
- Anti-trip feet available
- Lightweight barrier
- 100% recycled material
- Rapidly deployed
- Manufactured in high density polyethylene
- Company identification can be embossed

★ Trustpilot



Weight 9kg



Avalon Barrier Navigating Curbs



Anti-Trip Feet



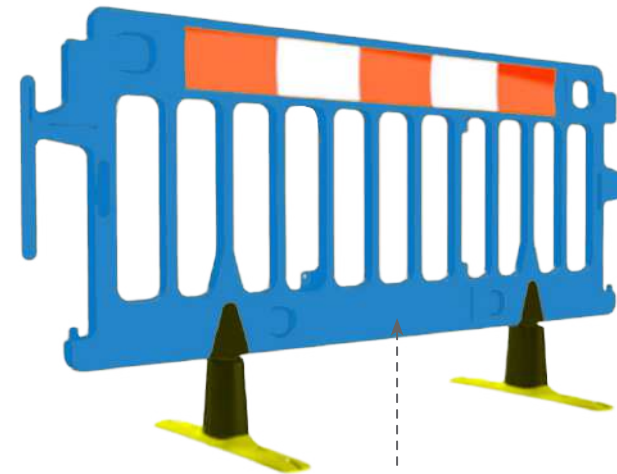
Avalon Barrier Customisation

The Avalon Barrier can be customised to incorporate your companies brand.

When ordering 500 barriers or more, we can customise the barriers colour to match your companies brand furthering your identity.

Using a web based colour code, as shown to the right, the barrier can be manufactured to the correct pantone allowing you to customise your barriers.

Company Branding



safesite[®]
FACILITIES

#1b87c9

Company Identification Embossed

Green Avalon Barrier



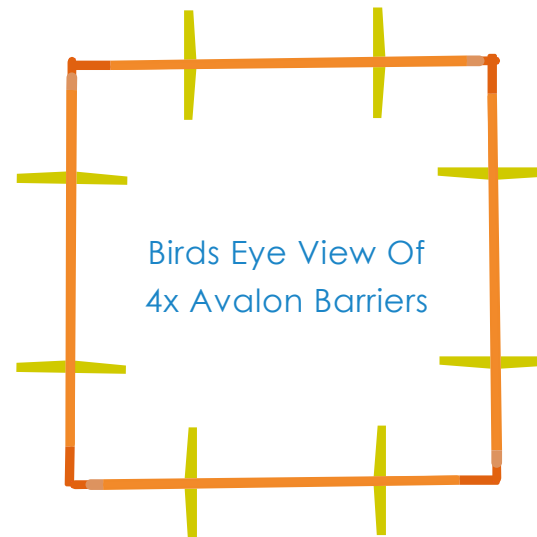
Blue & White Avalon Barriers



90° Degree Corner Layout

The Avalon Barrier system has been designed to easily navigate angles.

The barrier can be pivoted at the connection pin to navigate 90° angles, creating pedestrian walkways and it can also be made into square compounds bespoke to the site or job requirements.



90° Degree Angle



Avalon Barrier Wind Loading

All temporary traffic barriers must be able to withstand three different classes of wind speeds with the use of a ballast.

The standard BS 8442:2015 states the three classes as the following - 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 Avalon system was tested under strict conditions at the Mira Full Scale Wind Tunnel to determine what level of wind speeds the barrier can withstand

1 Avalon Barrier



20 mph

Wind speed withstood, not to failure point.

MIRA CLASS C - **PASSED** ✓

Avalon Barrier In Action

The Avalon Barrier is a popular blow moulded barrier, that is both lightweight and robust. Shown on the right you will see some examples of the barrier in use.

The Avalon Barrier has been a staple-point in the Chapter 8 street-work compliant barrier roster for some time and has stood up against the competition with its reputation for reliability and durability, which makes it one of the more cost efficient blow moulded barriers on the market.

Blue Avalon Barrier



Protecting Worker Around Manhole



Avalon Barriers On Site

Avalon Barrier Sectioning Off Site



Avalon's Used To Create Pedestrian Walkway



Avalon Barrier Stacking

The diagrams on this page are a guide as to the safe packing / stacking procedure when loading Avalon Barriers onto a trailer.

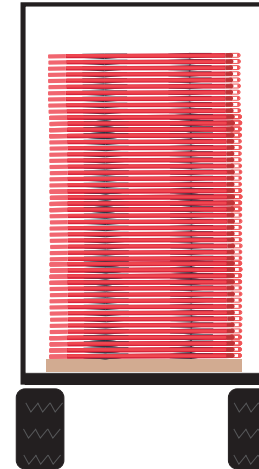
50 Avalon barriers can be placed on an oversized pallet which can then be loaded onto the side of an articulated vehicle, with capacity for up to 12 pallets, holding a total of 600 Avalon Barriers.

1

Load from side



Stack as shown for trailer length



As viewed from trailer rear

2

Diagram below as viewed from trailer side



Diagram above demonstrates the correct loading formation when transporting a maximum load of 600 barriers.



Technical Details



Accessories

Please see below pictures of additional feet that are compatible with the Avalon Barrier, the parts below can be an essential safety requirement when installing the Avalon Barrier correctly.

COMPATIBLE COMPONENTS

1



Anti-Trip Barrier Foot

2



Standard Barrier Foot

3



Flat Anti-Trip Barrier Foot